

ARIZONA

MOTOR VEHICLE CRASH FACTS

2012



2012 Motor Vehicle Crash Facts for the State of Arizona

Prepared by:
The Arizona Department of Transportation
Intermodal Transportation Division

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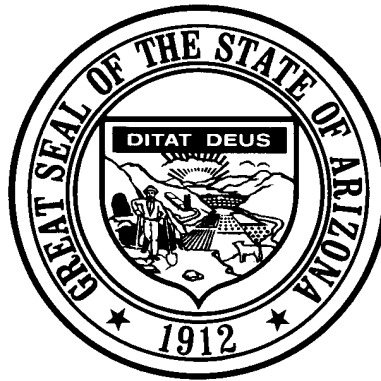
This publication is an annual statistical review of the motor vehicle crashes in the State of Arizona for the calendar year 2012. The results are compiled from Arizona Traffic Accident Reports submitted to the Arizona Department of Transportation by state, county, city, tribal, and other law enforcement agencies. Specific inquiries regarding the data in this report should be directed to:

The Arizona Department of Transportation
Intermodal Transportation Division
Traffic Records Section
206 S. 17th Ave. MD 064R
Phoenix, AZ 85007-3213

E-mail: azcrashfacts@azdot.gov

In order to provide the most current information, preliminary data is utilized when necessary. For this reason, previous or future reports may differ slightly and we encourage you to refer to the latest issue of Motor Vehicle Crash Facts.

This issue as well as previous issues of this publication may be viewed and downloaded from ADOT's Web Site at:
<http://www.azdot.gov/mvd/Statistics/crash/index.asp>



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2012 Arizona Crash Facts Summary

BREAKDOWN OF ALL CRASHES IN ARIZONA

TOTAL	103,176
FATAL	741
INJURY	33,340
PROPERTY DAMAGE ONLY	69,095
URBAN	83,166
RURAL	20,010
ALCOHOL RELATED	5,428
PEDESTRIAN	1,565
PEDALCYCLE	2,121
MOTORCYCLE	3,166
SINGLE VEHICLE	18,647
MULTI-VEHICLE	84,529

BREAKDOWN OF FATAL CRASHES IN ARIZONA

TOTAL	741
ALCOHOL RELATED	251
URBAN	381
RURAL	360
SINGLE VEHICLE	316
MULTI-VEHICLE	425
ALCOHOL RELATED SINGLE VEHICLE	117
ALCOHOL RELATED MULTI-VEHICLE	134

BREAKDOWN OF PERSONS KILLED AND INJURED

TYPE	KILLED	INJURED
IN ALL CRASHES	823	49,680
IN ALCOHOL RELATED CRASHES	281	3,720
IN URBAN CRASHES	399	40,082
IN RURAL CRASHES	424	9,598
USING SAFETY DEVICE	242	39,184
NOT USING SAFETY DEVICE	313	3,592
DRIVERS AGE 24 OR YOUNGER	101	7,654
DRINKING DRIVERS AGE 24 OR YOUNGER	37	502

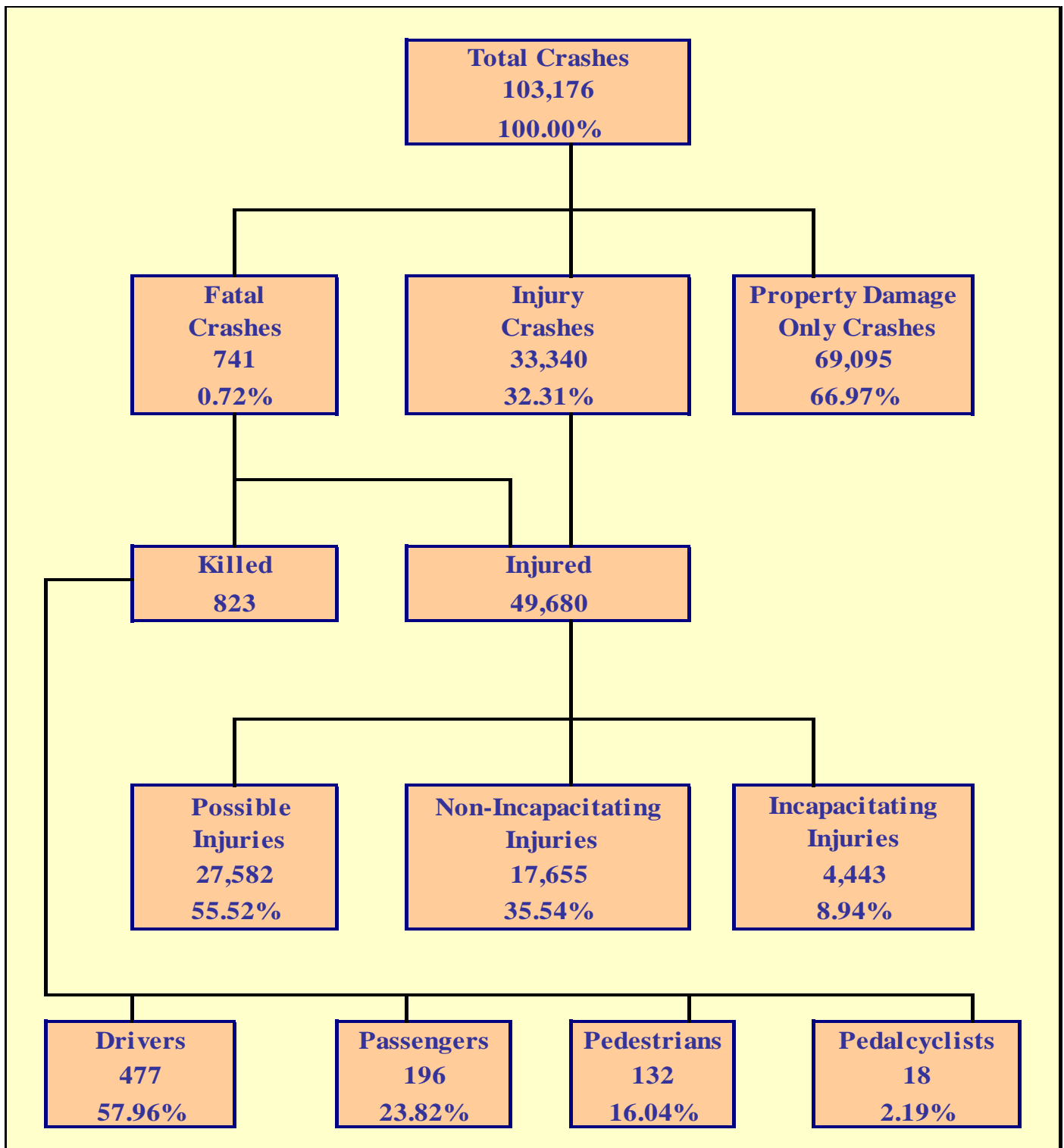
BREAKDOWN OF CRASHES BY TIME

PEAK MONTH FOR ALL CRASHES	NOVEMBER
PEAK DAY FOR ALL CRASHES	FRIDAY
PEAK HOUR FOR ALL CRASHES	5 PM - 6 PM
PEAK MONTH FOR FATAL CRASHES	MARCH
PEAK DAY FOR FATAL CRASHES	SATURDAY
PEAK DATE FOR ALL CRASHES IN 2012	DECEMBER 14TH (511 CRASHES)
PEAK DATE FOR FATAL CRASHES IN 2012	MARCH 31ST (8 CRASHES)
PEAK HOUR FOR ALCOHOL RELATED CRASHES	2 AM - 3 AM
PEAK DAY FOR MOTORCYCLE CRASHES	SATURDAY
PEAK HOUR FOR FATAL MOTORCYCLE CRASHES	6 PM - 7 PM

OTHER FACTS

MOST COMMON MANNER OF COLLISION	REAR END
MOST COMMON DRIVER VIOLATION	SPEED TOO FAST FOR CONDITIONS

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Section 1: – Highlights and Historical Trends

Table 1 – 1

Arizona Crash Facts Summary and Comparison

Category	2011	2012	Percent Change
Total Crashes	103,774	103,176	-0.58%
Total Fatalities	827	823	-0.48%
Total Injuries	49,710	49,680	-0.06%
Alcohol Related Fatalities	287	281	-2.09%
Alcohol Related Injuries	3,683	3,720	1.00%
Urban Fatalities	389	399	2.57%
Urban Injuries	40,021	40,082	0.15%
Rural Fatalities	438	424	-3.20%
Rural Injuries	9,689	9,598	-0.94%
MC Operator and Passenger Fatalities	132	139	5.30%
MC Operator and Passenger Injuries	2,562	2,717	6.05%
Pedestrians Fatalities	154	132	-14.29%
Pedestrians Injuries	1,257	1,344	6.92%
Pedalcyclist Fatalities	23	18	-21.74%
Pedalcyclist Injuries	1,614	1,742	7.93%
Millions of vehicle miles traveled (VMT)	59,575	*	*
Fatalities per 100 million VMT	1.39	*	*
Injuries per 100 million VMT	83.44	*	*
*This data was not available at the time of publication (source: ADOT – Multimodal Planning Division – Data Bureau).			

Arizona at a Glance – 2012

- Approximately **2.25** persons were killed each day.
- One person was killed every **10.65** hours.
- There were **136.02** persons injured every day.
- One person was injured every **10.59** minutes.
- Alcohol Related crashes accounted for **5.26%** of all crashes and **33.87%** of all fatal crashes.
- Of all alcohol related crashes, **78.57%** occurred in Urban areas and **21.43%** occurred in Rural areas, while **53.78%** of all alcohol related fatal crashes occurred in Urban areas and **46.22%** occurred in Rural areas.
- Single vehicle crashes accounted for **18.07%** of all crashes and **42.65%** of all fatal crashes.
- Of all Pedestrian crashes, **8.37%** were fatal while **0.85%** of Pedalcycle crashes were fatal.
- Crashes which occurred during daylight hours (6:00 a.m. to 6:00 p.m.) accounted for **72.5%** of all crashes.
- Motor vehicle crashes resulted in **\$2.922** billion in economic losses to Arizona.
- Children age 14 and younger accounted for **41** fatalities and **3,604** injuries in motor vehicle crashes.

Section 1: – Highlights and Historical Trends

The Nation In 2012

The population of the United States was estimated at **316,668,567** (source: www.census.gov).

Estimated vehicle miles traveled totaled * **billion** miles.

An estimated * persons were killed in motor vehicle crashes in the United States.

*Note: This data was not available at the time of publication (source: www.nhtsa.gov).

Table 1 – 2
**Licensed Drivers, Motor Vehicle Registration
and Crash History in Arizona**

Calendar Year	Total Crashes	Fatal Crashes	Injury Crashes	Property Damage Only Crashes	Total Persons Killed	Total Persons Injured	Total Licensed Drivers	Total Registered Vehicles
2008	120,557	843	37,515	82,199	938	56,539	4,360,711	4,842,188
2009	107,126	709	33,493	72,924	806	50,786	4,434,719	4,787,350
2010	106,830	695	33,391	72,744	759	50,421	4,537,653	4,805,904
2011	103,774	756	33,140	69,878	827	49,710	4,634,405	4,855,014
2012	103,176	741	33,340	69,095	823	49,680	4,736,517	4,969,620

Table 1 – 3
Historical Trends – Arizona and the United States

Calendar Year	U.S. Fatality Rate	Arizona Fatality Rate	Arizona Traffic Fatalities	Estimated Motor Vehicle Miles Traveled	Arizona Fatal Crash Rate
2008	1.26	1.52	938	61,628	1.37
2009	1.15	1.34	806	60,142	1.18
2010	1.11	1.27	759	59,906	1.16
2011	1.10	1.39	827	59,575	1.27
2012	*	**	823	**	**

Vehicle miles traveled are shown in million miles and rates per 100 million miles

*The U.S. Fatality Rate was not available at the time of publication (source: www.nhtsa.gov).

**The VMT figure was not available at the time of publication (source: ADOT – Multimodal Planning Division – Data Bureau).

Note: Any data not included at this time will be updated when it becomes available.

Section 1: – Highlights and Historical Trends

Statewide Economic Loss Due to Motor Vehicle Crashes

Fatalities	\$1,192,033,200
Incapacitating Injuries	\$319,496,130
Non-Incapacitating Injuries	\$408,783,870
Possible Injuries	\$360,110,592
Property Damage Only	\$641,339,790
TOTAL	\$2,921,763,582

Table 1 – 4

Estimated Economic Loss by County

County	Cost of Traffic Crashes			
	Fatalities	Injuries	PDO	Total
Apache	\$ 65,178,000	\$ 8,483,136	\$ 2,283,372	\$ 75,944,508
Cochise	\$ 31,864,800	\$ 14,413,110	\$ 10,432,968	\$ 56,710,878
Coconino	\$ 82,558,800	\$ 29,933,226	\$ 24,810,786	\$ 137,302,812
Gila	\$ 26,071,200	\$ 9,914,604	\$ 4,696,692	\$ 40,682,496
Graham	\$ 4,345,200	\$ 2,767,770	\$ 1,809,990	\$ 8,922,960
Greenlee	\$ 8,690,400	\$ 1,132,710	\$ 612,612	\$ 10,435,722
La Paz	\$ 26,071,200	\$ 6,331,140	\$ 2,060,604	\$ 34,462,944
Maricopa	\$ 491,007,600	\$ 713,219,802	\$ 451,290,840	\$ 1,655,518,242
Mohave	\$ 65,178,000	\$ 38,260,608	\$ 17,923,542	\$ 121,362,150
Navajo	\$ 46,348,800	\$ 13,693,092	\$ 6,358,170	\$ 66,400,062
Pima	\$ 154,978,800	\$ 145,624,176	\$ 56,592,354	\$ 357,195,330
Pinal	\$ 85,455,600	\$ 41,799,396	\$ 22,907,976	\$ 150,162,972
Santa Cruz	\$ 13,035,600	\$ 4,314,600	\$ 3,805,620	\$ 21,155,820
Yavapai	\$ 56,487,600	\$ 32,803,200	\$ 19,325,124	\$ 108,615,924
Yuma	\$ 34,761,600	\$ 25,700,022	\$ 16,429,140	\$ 76,890,762
TOTALS	\$ 1,192,033,200	\$ 1,088,390,592	\$ 641,339,790	\$ 2,921,763,582

NOTE: Cost estimates are based on a 2% increase of the 2011 National Safety Council estimates of the average cost of motor vehicle crashes, deaths, and injuries. These costs are an estimate of wage and productivity losses, medical expenses, administrative expenses, motor vehicle damage, and employer costs. A description of the National Safety Council's current cost estimating procedures may be found in the Technical Appendix of *Injury Facts*® (source: www.nsc.org/news_resources/injury_and_death_statistics).

Table 1 – 5

Average Economic Cost per Incident

1.	Fatality	\$1,448,400
2.	Incapacitating Injury	\$71,910
3.	Non-Incapacitating Injury	\$23,154
4.	Possible Injury	\$13,056
5.	Property Damage Only	\$9,282

Section 1: – Highlights and Historical Trends

Traffic Crashes in Arizona by Year

Chart 1 – 1
Total Crashes

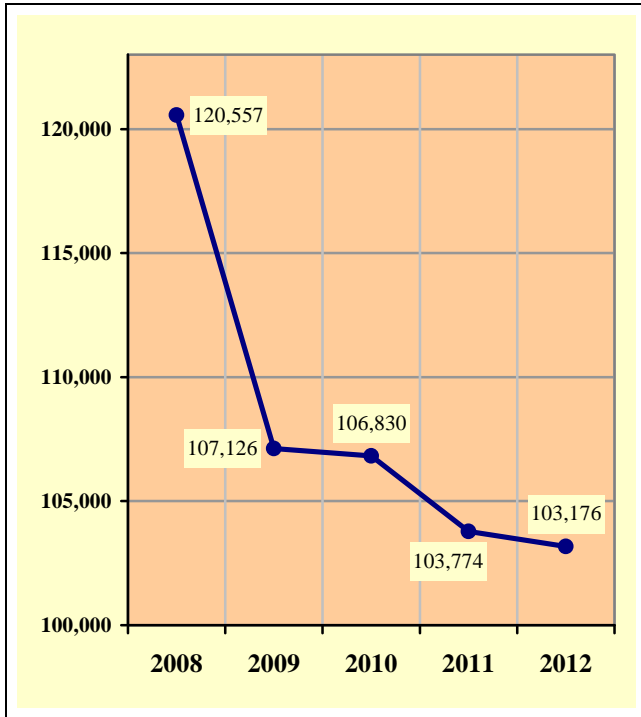


Chart 1 – 2
Fatal Crashes

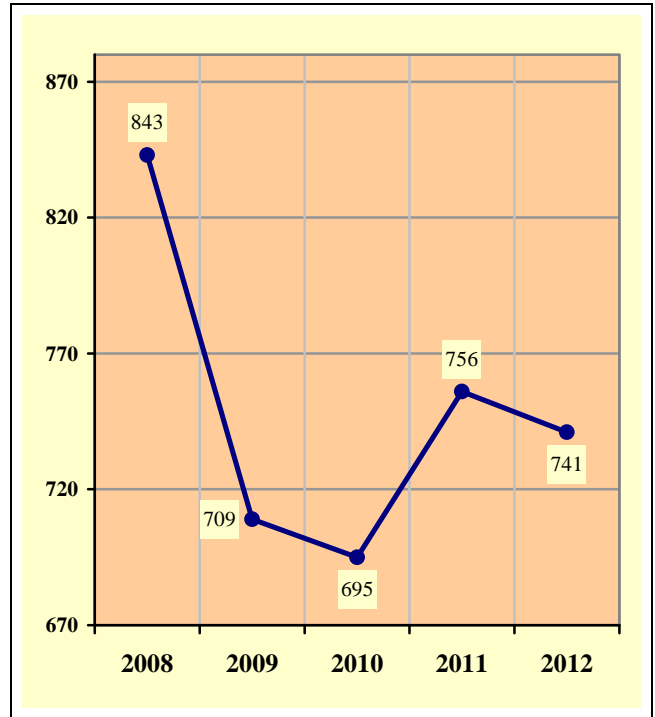


Chart 1 – 3
Injury Crashes

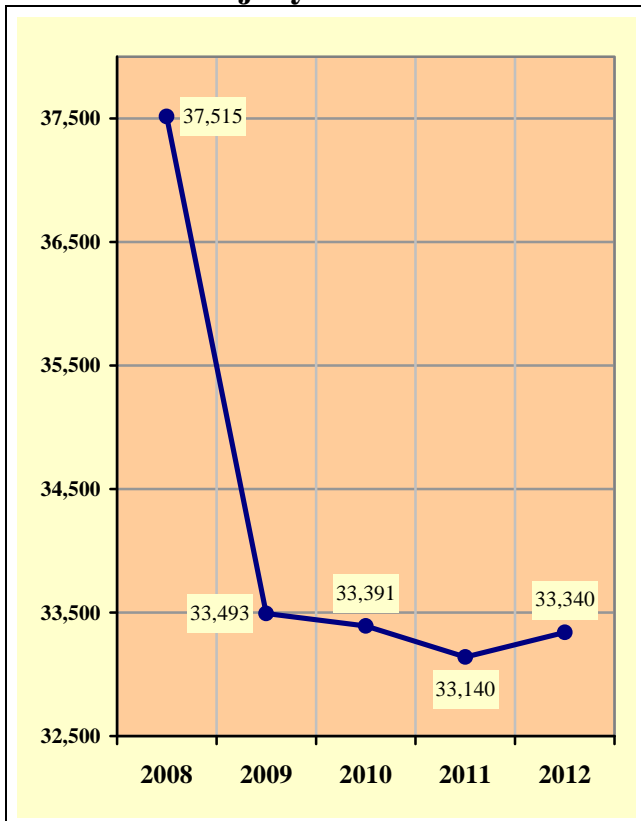
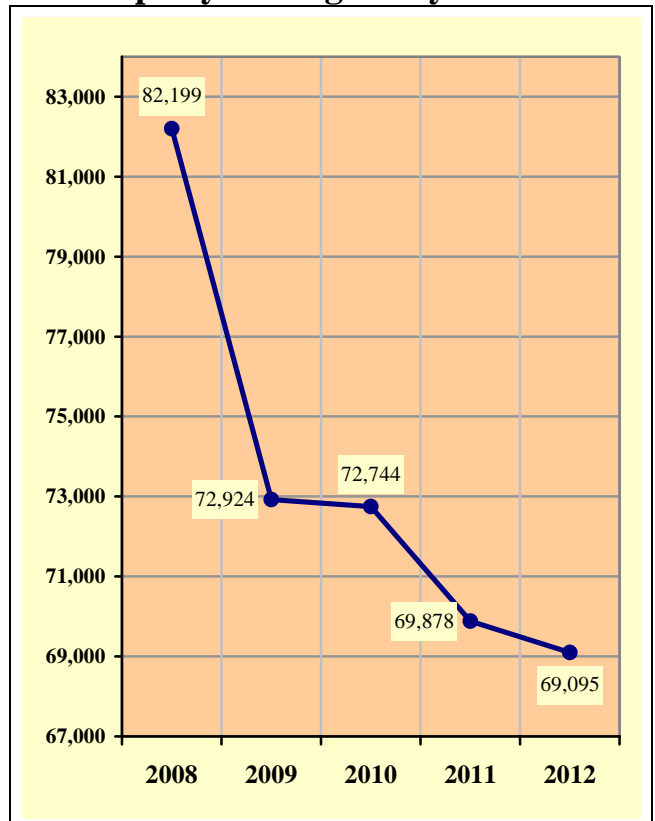


Chart 1 – 4
Property Damage Only Crashes



Section 1: – Highlights and Historical Trends

Table 1 – 6

Victims of Motor Vehicle Crashes

Age of Victim	Persons Killed				Persons Injured			
	Total	Male	Female	Gender Unknown	Total	Male	Female	Gender Unknown
0-4	9	6	3	0	912	480	432	0
5-9	11	8	3	0	1,210	607	603	0
10-14	21	14	7	0	1,482	720	762	0
15-19	75	42	33	0	5,184	2,423	2,761	0
20-24	101	80	21	0	6,864	3,389	3,475	0
25-34	147	105	42	0	9,405	4,649	4,756	0
35-44	107	85	22	0	7,356	3,464	3,892	0
45-54	122	89	33	0	6,996	3,385	3,611	0
55-64	110	81	29	0	5,124	2,454	2,670	0
65-74	52	34	18	0	2,798	1,296	1,502	0
75 & Older	64	43	21	0	1,629	750	879	0
Unknown	4	0	0	4	720	323	287	110
TOTAL	823	587	232	4	49,680	23,940	25,630	110

Table 1 – 7

Arizona's 2012 Estimated Population

Race/Ethnic group	Population Percentage	Traffic Crash Fatality Percentage	Population Estimate**
White non-Hispanic	58.83%	*	3,822,879
Hispanic or Latino	29.43%	*	1,912,854
Black or African American	4.08%	*	265,230
American Indian or Alaska Native	4.69%	*	305,029
Asian or Pacific Islander	2.96%	*	192,579
Ethnicity Unknown	N/A	*	N/A
TOTAL	100.00%	*	6,498,571
Source: Arizona Department of Health Services, Health Status and Vital Statistics Section.			
*This data was not available at the time of publication (source: www.azdhs.gov/plan/menu/by/race.htm).			
**Population estimates for 2012 are available at www.azdhs.gov/plan/menu/info/pop/pop12/pd12.htm			

Table 1 – 8

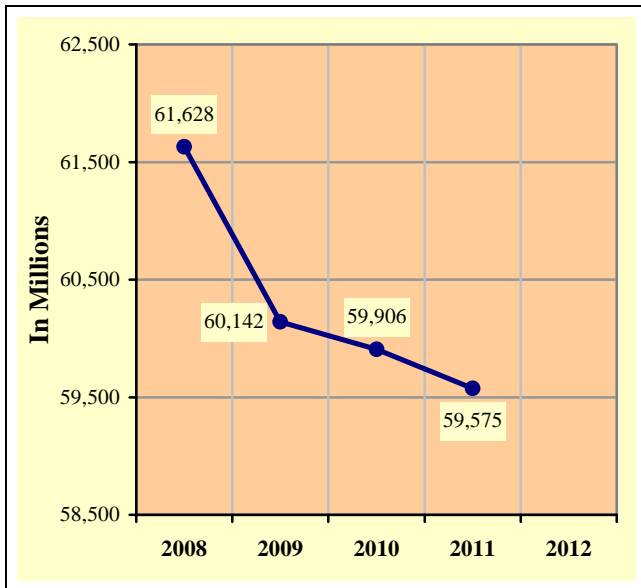
Victims of Motor Vehicle Crashes (Arizona Residents Only)

This data was not available at the time of publication.

Source: Arizona Department of Health Services, Health Status and Vital Statistics Section (www.azdhs.gov/plan/menu/by/race.htm).

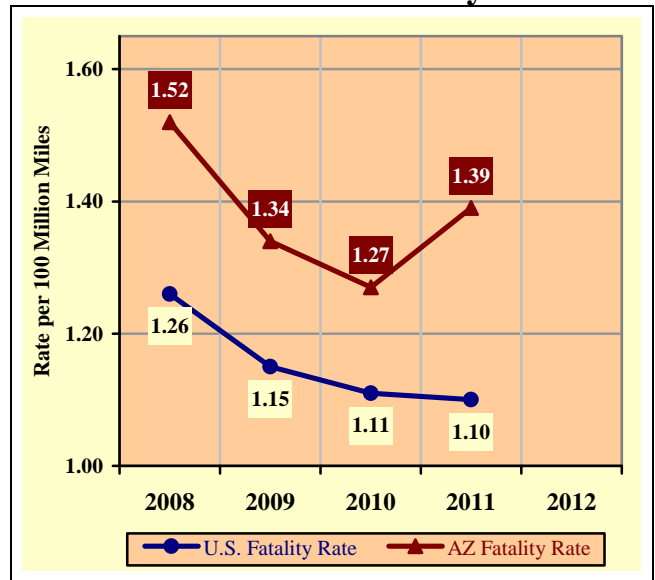
Section 1: – Highlights and Historical Trends

Chart 1 – 5
Vehicle Miles Traveled



The VMT figure was not available at the time of publication (source: ADOT – Multimodal Planning Division – Data Bureau).

Chart 1 – 6
Arizona vs. U.S. Fatality Rate



The U.S. Fatality Rate was not available at the time of publication (source: www.nhtsa.gov).

Chart 1 – 7
Traffic Fatalities by Geographic Region

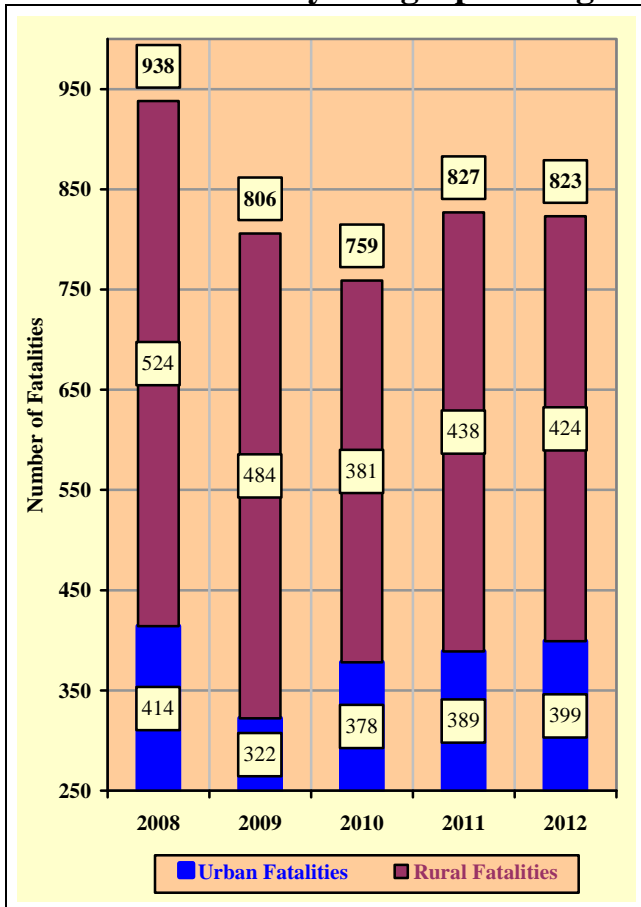
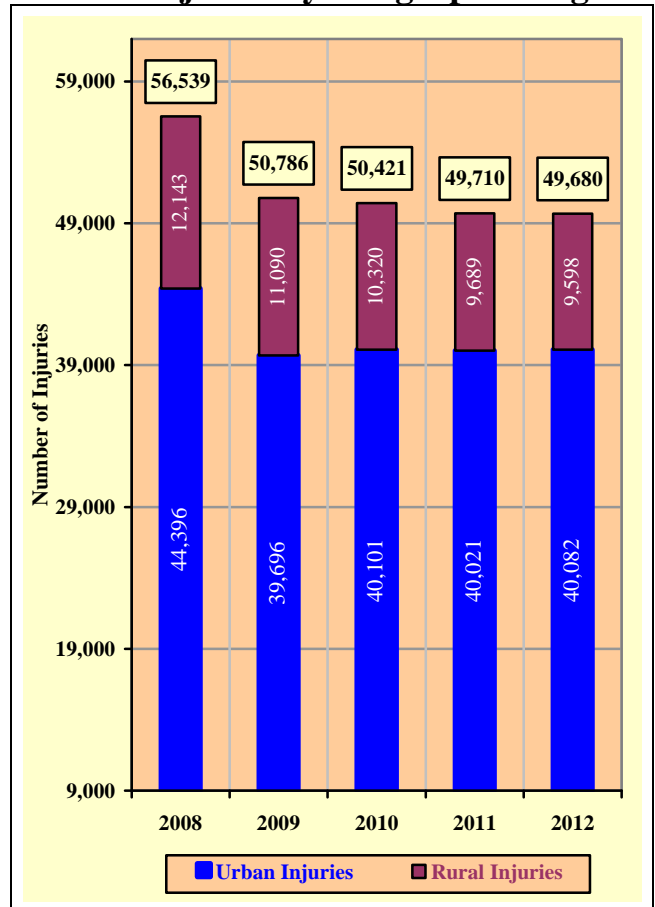


Chart 1 – 8
Traffic Injuries by Geographic Region



Section 1: – Highlights and Historical Trends

Table 1 – 9

Holiday Crash Statistics

Holidays such as Memorial Day, Labor Day, and Thanksgiving are regarded as three or four day weekend holidays for statistical purposes. Holidays such as Christmas, New Year's Day, and the Fourth of July are celebrated on specific dates; which make the holiday period range from two to five days in length.

Holiday fatality statistics are based on fatal crashes occurring from 6:00 p.m. on the last working day prior to the holiday through 5:59 a.m. the day following the holiday period. Example: Thanksgiving fatalities are counted from Wednesday evening at 6:00 p.m. through 5:59 a.m. of the following Monday.

2012 Holidays	Beginning at 6:00 p.m.	Ending at 5:59 a.m.	Number of Days	Fatal Crashes	Persons Killed	Alcohol Related Fatal Crashes	Alcohol Related Fatalities
New Year's Day	Friday 12/30/2011	Tuesday 1/3/2012	4	14	14	5	5
Memorial Day	Friday 5/25/2012	Tuesday 5/29/2012	4	7	8	5	6
July 4th	Tuesday 7/3/2012	Thursday 7/5/2012	2	5	6	5	6
Labor Day	Friday 8/31/2012	Tuesday 9/4/2012	4	14	17	5	5
Thanksgiving Day	Wednesday 11/21/2012	Monday 11/26/2012	5	11	11	3	3
Christmas Day	Friday 12/21/2012	Wednesday 12/26/2012	5	5	5	2	2

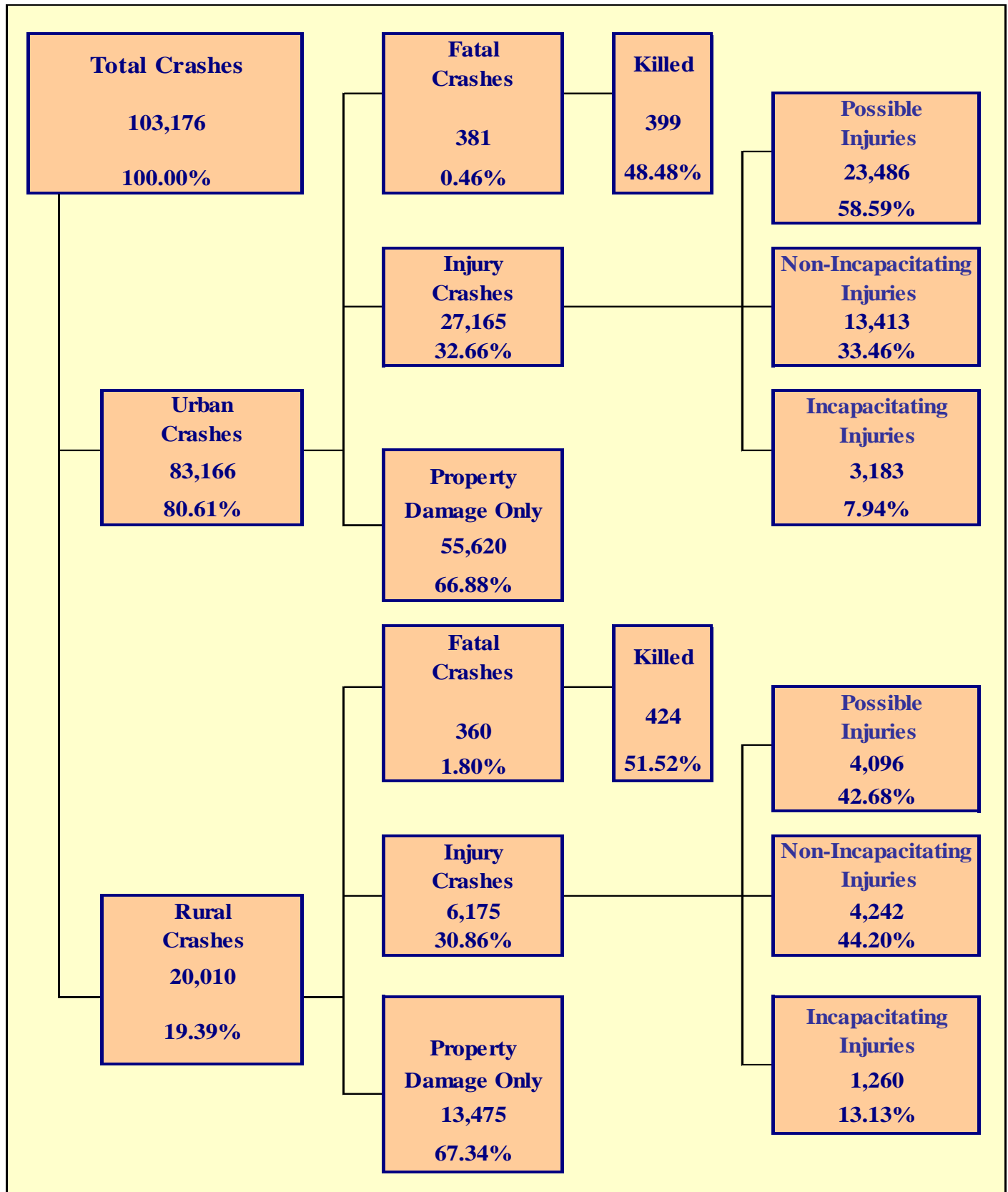
Fatal Crashes by Year	New Year's Day	Memorial Day	July 4th	Labor Day	Thanksgiving	Christmas Day	Total
2008	10	14	13	14	5	2	58
2009	10	6	7	5	11	7	46
2010	9	8	14	9	11	9	60
2011	5	8	9	7	12	6	47
2012	14	7	5	14	11	5	56

Persons Killed	New Year's Day	Memorial Day	July 4th	Labor Day	Thanksgiving	Christmas Day	Total
2008	11	17	15	19	5	2	69
2009	11	7	7	7	12	7	51
2010	10	8	16	11	12	10	67
2011	5	9	11	8	14	6	53
2012	14	8	6	17	11	5	61

Number of Days	New Year's Day	Memorial Day	July 4th	Labor Day	Thanksgiving	Christmas Day	Total
2008	5	4	4	4	5	5	27
2009	5	4	4	4	5	4	26
2010	4	4	4	4	5	4	25
2011	4	4	4	4	5	4	25
2012	4	4	2	4	5	5	24

Section 2

Geographic Location



Section 2: – Geographic Location

Fatal Crashes in Arizona (741) accounted for 0.72% of all crashes, Injury Crashes (33,340) accounted for 32.31%, and Property Damage Only (PDO) Crashes (69,095) accounted for 66.97%.

Table 2 – 1
Crash Severity by First Harmful Event Statewide

First Harmful Event Type	Number of Crashes				Number of Persons	
	Total	Fatal	Injury	PDO	Killed	Injured
Collision with Motor Vehicle in Transport	65,636	240	19,678	45,718	280	30,954
Overtaking	2,305	148	1,481	676	168	2,267
Collision with Pedestrian	1,183	129	918	136	130	1,002
Collision with Pedalcyclist	1,718	18	1,370	330	18	1,416
Collision with Animal	1,681	4	158	1,519	4	220
Collision with Fixed Object	10,986	162	3,346	7,478	179	4,186
Collision with Non-fixed Object*	4,315	10	409	3,896	10	516
Vehicle Fire or Explosion	320	2	8	310	4	9
Other Non-collision**	1,202	14	408	780	14	448
Unknown	13,830	14	5,564	8,252	16	8,662
TOTAL	103,176	741	33,340	69,095	823	49,680
*Includes Collision with Parked Vehicles, Trains, Railway Vehicles, and Work Zone Equipment						
**Includes Vehicle Immersion, Jackknife, and Cargo Loss or Shift						

Table 2 – 2
Crashes by County

County	Number of Crashes				Number of Persons	
	Total	Fatal	Injury	PDO	Killed	Injured
Apache	444	37	161	246	45	318
Cochise	1,564	17	423	1,124	22	586
Coconino	3,569	48	848	2,673	57	1,208
Gila	761	15	240	506	18	364
Graham	275	3	77	195	3	116
Greenlee	91	5	20	66	6	36
La Paz	351	17	112	222	18	219
Maricopa	71,895	315	22,960	48,620	339	34,190
Mohave	2,857	34	892	1,931	45	1,390
Navajo	1,030	27	318	685	32	552
Pima	10,401	104	4,200	6,097	107	6,134
Pinal	3,643	52	1,123	2,468	59	1,747
Santa Cruz	560	9	141	410	9	189
Yavapai	3,057	36	939	2,082	39	1,329
Yuma	2,678	22	886	1,770	24	1,302
TOTAL	103,176	741	33,340	69,095	823	49,680

Section 2: – Geographic Location

Table 2 – 3
Crash Severity by First Harmful Event in Urban Areas

First Harmful Event Type	Number of Crashes				Number of Persons	
	Total	Fatal	Injury	PDO	Killed	Injured
Collision with Motor Vehicle in Transport	56,055	138	16,762	39,155	147	26,014
Overtaking	628	36	431	161	40	576
Collision with Pedestrian	1,033	99	817	117	99	889
Collision with Pedalcyclist	1,596	15	1,272	309	15	1,307
Collision with Animal	254	0	23	231	0	28
Collision with Fixed Object	7,243	80	2,210	4,953	85	2,659
Collision with Non-fixed Object*	3,339	2	303	3,034	2	361
Vehicle Fire or Explosion	108	0	4	104	0	5
Other Non-collision**	655	7	261	387	7	275
Unknown	12,255	4	5,082	7,169	4	7,968
TOTAL	83,166	381	27,165	55,620	399	40,082
*Includes Collision with Parked Vehicles, Trains, Railway Vehicles, and Work Zone Equipment						
**Includes Vehicle Immersion, Jackknife, and Cargo Loss or Shift						

Table 2 – 4
Crash Severity by First Harmful Event in Rural Areas

First Harmful Event Type	Number of Crashes				Number of Persons	
	Total	Fatal	Injury	PDO	Killed	Injured
Collision with Motor Vehicle in Transport	9,581	102	2,916	6,563	133	4,940
Overtaking	1,677	112	1,050	515	128	1,691
Collision with Pedestrian	150	30	101	19	31	113
Collision with Pedalcyclist	122	3	98	21	3	109
Collision with Animal	1,427	4	135	1,288	4	192
Collision with Fixed Object	3,743	82	1,136	2,525	94	1,527
Collision with Non-fixed Object*	976	8	106	862	8	155
Vehicle Fire or Explosion	212	2	4	206	4	4
Other Non-collision**	547	7	147	393	7	173
Unknown	1,575	10	482	1,083	12	694
TOTAL	20,010	360	6,175	13,475	424	9,598
*Includes Collision with Parked Vehicles, Trains, Railway Vehicles, and Work Zone Equipment						
**Includes Vehicle Immersion, Jackknife, and Cargo Loss or Shift						

While Urban Crashes in Arizona (83,166) accounted for 80.61% of all crashes, they accounted for 51.42% of all Fatal Crashes (381) occurring in 2012.

While Rural Crashes in Arizona (20,010) accounted for 19.39% of all crashes, they accounted for 48.58% of all Fatal Crashes (360) occurring in 2012.

Section 2: – Geographic Location

Table 2 – 5

Analysis by Jurisdiction

COUNTIES Cities	Number of Crashes				No. of Persons		Alcohol Related		
	Total	Fatal	Injury	PDO	Killed	Injured	Crashes	Killed	Injured
Apache County	407	36	148	223	44	295	39	18	54
Eagar	28	0	9	19	0	15	5	0	9
St. Johns	7	0	4	3	0	8	0	0	0
Springerville	2	1	0	1	1	0	1	1	0
TOTAL	444	37	161	246	45	318	45	19	63

Cochise County	617	13	178	426	17	257	39	3	22
Benson	70	0	20	50	0	29	5	0	3
Bisbee	5	0	1	4	0	1	1	0	1
Douglas	172	0	38	134	0	56	4	0	5
Huachuca City	6	0	4	2	0	9	0	0	0
Sierra Vista	664	3	172	489	4	221	31	1	13
Tombstone	1	0	1	0	0	2	0	0	0
Willcox	29	1	9	19	1	11	1	0	2
TOTAL	1,564	17	423	1,124	22	586	81	4	46

Coconino County	1,244	36	328	880	45	521	63	14	51
Flagstaff	1,894	7	420	1,467	7	555	79	5	37
Fredonia	2	0	0	2	0	0	0	0	0
Williams	113	0	17	96	0	18	3	0	1
Page	101	2	31	68	2	50	18	2	11
Sedona	215	3	52	160	3	64	7	1	2
TOTAL	3,569	48	848	2,673	57	1,208	170	22	102

Gila County	506	13	169	324	16	257	30	6	31
Globe	123	1	31	91	1	42	10	0	3
Hayden	0	0	0	0	0	0	0	0	0
Miami	9	0	2	7	0	4	0	0	0
Payson	122	1	37	84	1	60	5	0	2
Winkelman	1	0	1	0	0	1	0	0	0
TOTAL	761	15	240	506	18	364	45	6	36

Graham County	116	1	34	81	1	50	15	0	6
Pima	2	0	1	1	0	1	1	0	1
Safford	110	2	29	79	2	40	10	1	3
Thatcher	47	0	13	34	0	25	4	0	6
TOTAL	275	3	77	195	3	116	30	1	16

Greenlee County	54	4	16	34	5	27	5	1	6
Clifton	36	0	4	32	0	6	0	0	0
Duncan	1	1	0	0	1	3	1	1	3
TOTAL	91	5	20	66	6	36	6	2	9

Section 2: – Geographic Location

Table 2 – 5

Analysis by Jurisdiction

COUNTIES Cities	Number of Crashes				No. of Persons		Alcohol Related		
	Total	Fatal	Injury	PDO	Killed	Injured	Crashes	Killed	Injured
La Paz County	302	17	101	184	18	192	13	2	11
Parker	24	0	8	16	0	15	2	0	3
Quartzite	25	0	3	22	0	12	0	0	0
TOTAL	351	17	112	222	18	219	15	2	14

Maricopa County	5,294	44	1,730	3,520	57	2,641	259	15	200
Avondale	985	2	292	691	2	443	52	1	27
Buckeye	453	6	140	307	6	222	35	3	23
Cave Creek	54	0	22	32	0	28	9	0	6
Chandler	3,883	18	1,142	2,723	18	1,635	180	2	122
El Mirage	378	2	107	269	2	162	27	0	17
Gila Bend	44	1	13	30	1	14	1	1	0
Gilbert	2,541	7	596	1,938	9	842	110	4	54
Glendale	4,750	19	1,381	3,350	21	2,113	220	8	158
Goodyear	915	1	293	621	1	438	52	1	42
Mesa	6,374	28	2,092	4,254	29	2,917	272	9	185
Paradise Valley	200	0	60	140	0	77	7	0	6
Peoria	2,110	11	643	1,456	11	961	104	5	46
Phoenix	30,662	146	10,363	20,153	152	15,839	1,366	59	967
Scottsdale	3,911	11	1,253	2,647	11	1,768	259	2	138
Surprise	1,025	7	284	734	7	435	42	1	23
Tempe	7,143	6	2,213	4,924	6	3,179	310	2	199
Tolleson	421	1	119	301	1	179	20	0	15
Wickenburg	78	0	13	65	0	23	4	0	3
Youngtown	31	0	8	23	0	8	1	0	0
Guadalupe	288	2	96	190	2	119	5	0	5
Litchfield Park	41	1	13	27	1	17	1	0	1
Queen Creek	172	0	42	130	0	67	11	0	5
Fountain Hills	123	1	39	83	1	55	12	0	3
Carefree	19	1	6	12	1	8	1	0	0
TOTAL	71,895	315	22,960	48,620	339	34,190	3,360	113	2,245

Mohave County	1,090	26	371	693	37	655	79	14	68
Kingman	546	6	161	379	6	229	23	1	16
Lake Havasu City	627	0	169	458	0	209	52	0	20
Bullhead City	575	2	188	385	2	293	38	0	28
Colorado City	19	0	3	16	0	4	0	0	0
TOTAL	2,857	34	892	1,931	45	1,390	192	15	132

Section 2: – Geographic Location

Table 2 – 5

Analysis by Jurisdiction

COUNTIES Cities	Number of Crashes				No. of Persons		Alcohol Related		
	Total	Fatal	Injury	PDO	Killed	Injured	Crashes	Killed	Injured
Navajo County	442	24	157	261	29	302	51	10	50
Holbrook	76	1	13	62	1	23	7	1	6
Show Low	196	0	62	134	0	102	17	0	6
Snowflake	47	0	14	33	0	24	5	0	1
Taylor	53	1	18	34	1	22	4	1	2
Winslow	103	1	21	81	1	29	10	1	5
Pinetop-Lakeside	113	0	33	80	0	50	5	0	7
TOTAL	1,030	27	318	685	32	552	99	13	77

Pima County	3,779	52	1,143	2,584	53	1,690	253	25	190
South Tucson	96	0	37	59	0	57	6	0	8
Tucson	5,021	43	2,622	2,356	45	3,830	531	25	370
Sahuarita	216	2	65	149	2	94	14	0	6
Oro Valley	462	2	144	316	2	201	16	1	13
Marana	827	5	189	633	5	262	16	0	3
TOTAL	10,401	104	4,200	6,097	107	6,134	836	51	590

Pinal County	1,782	33	574	1,175	37	927	93	12	91
Casa Grande	877	7	250	620	10	373	32	2	13
Coolidge	142	1	48	93	1	71	10	0	8
Eloy	105	2	31	72	2	61	3	0	4
Florence	64	0	22	42	0	29	3	0	2
Kearny	3	0	1	2	0	1	0	0	0
Mammoth	0	0	0	0	0	0	0	0	0
Superior	5	1	1	3	1	1	1	1	0
Apache Junction	417	6	116	295	6	172	22	1	13
Maricopa	248	2	80	166	2	112	17	1	6
TOTAL	3,643	52	1,123	2,468	59	1,747	181	17	137

Santa Cruz County	278	4	80	194	4	109	16	2	12
Nogales	281	5	61	215	5	80	13	1	1
Patagonia	1	0	0	1	0	0	1	0	0
TOTAL	560	9	141	410	9	189	30	3	13

Yavapai County	1,252	27	388	837	30	566	65	6	43
Clarkdale	21	2	5	14	2	9	4	2	4
Cottonwood	254	0	83	171	0	116	17	0	9
Jerome	1	0	1	0	0	2	1	0	2
Prescott	780	5	243	532	5	319	39	0	29
Prescott Valley	492	1	151	340	1	218	29	0	18
Chino Valley	141	1	34	106	1	52	9	1	6
Camp Verde	105	0	31	74	0	44	8	0	10
Dewey-Humboldt	11	0	3	8	0	3	1	0	0
TOTAL	3,057	36	939	2,082	39	1,329	173	9	121

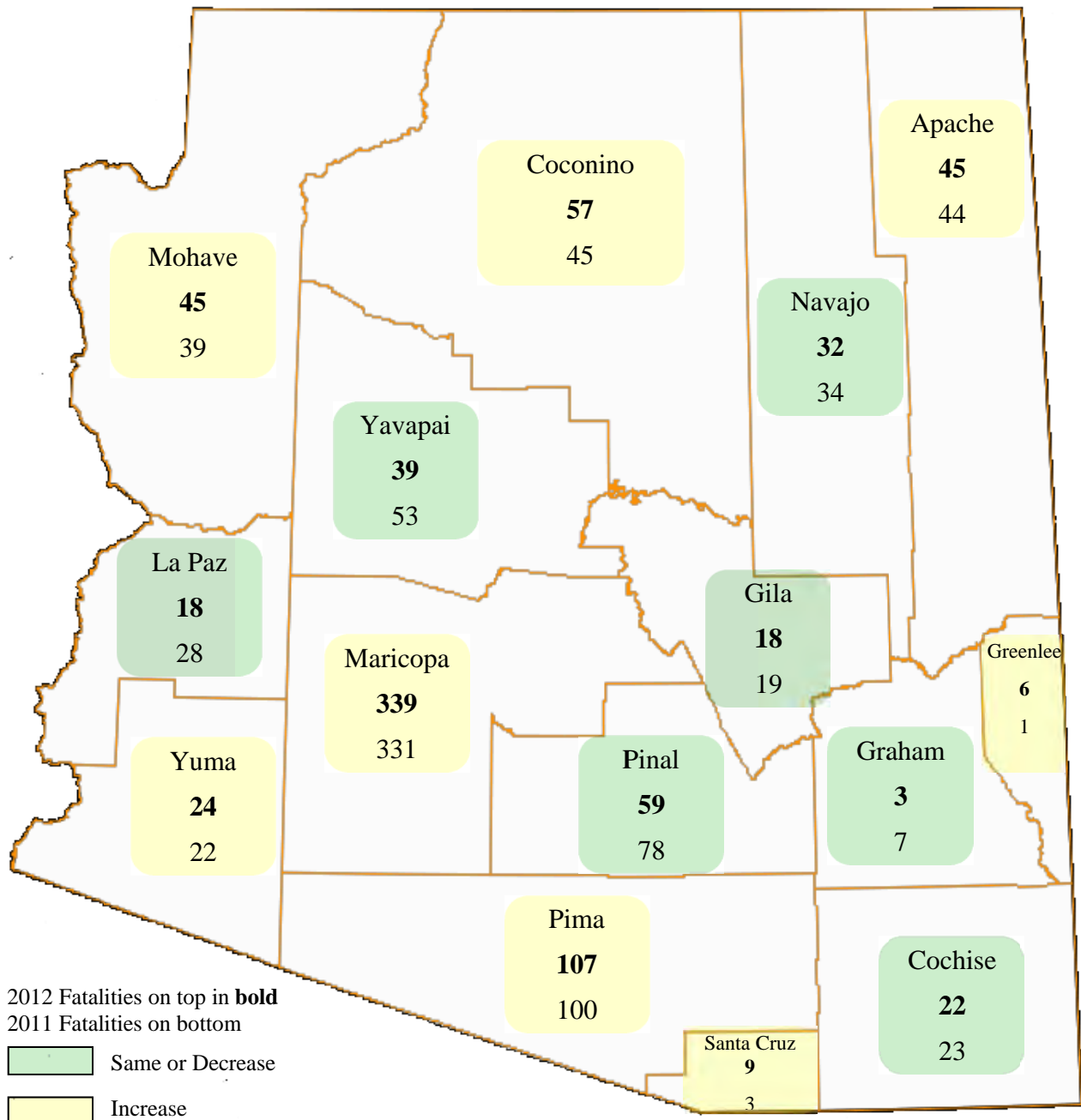
Section 2: – Geographic Location

Table 2 – 5
Analysis by Jurisdiction

COUNTIES Cities	Number of Crashes				No. of Persons		Alcohol Related		
	Total	Fatal	Injury	PDO	Killed	Injured	Crashes	Killed	Injured
Yuma County	690	13	209	468	14	310	39	2	28
Somerton	21	1	3	17	1	4	1	1	0
Yuma	1,796	8	643	1,145	9	949	123	1	90
Wellton	10	0	4	6	0	7	0	0	0
San Luis	161	0	27	134	0	32	2	0	1
TOTAL	2,678	22	886	1,770	24	1,302	165	4	119

Note: Some individual city data may be incomplete due to lack of timely reporting or changes in crash reporting procedures.

Total Fatalities by County for 2011 and 2012



Section 2: – Geographic Location

Chart 2 – 1

Urban and Rural Crashes by Day of Week

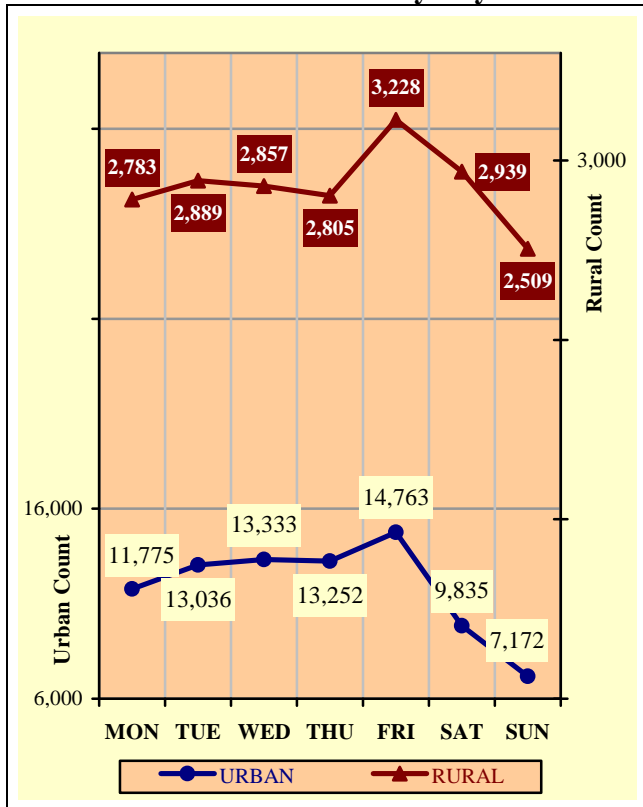


Chart 2 – 2

Urban and Rural Fatal Crashes by Day of Week

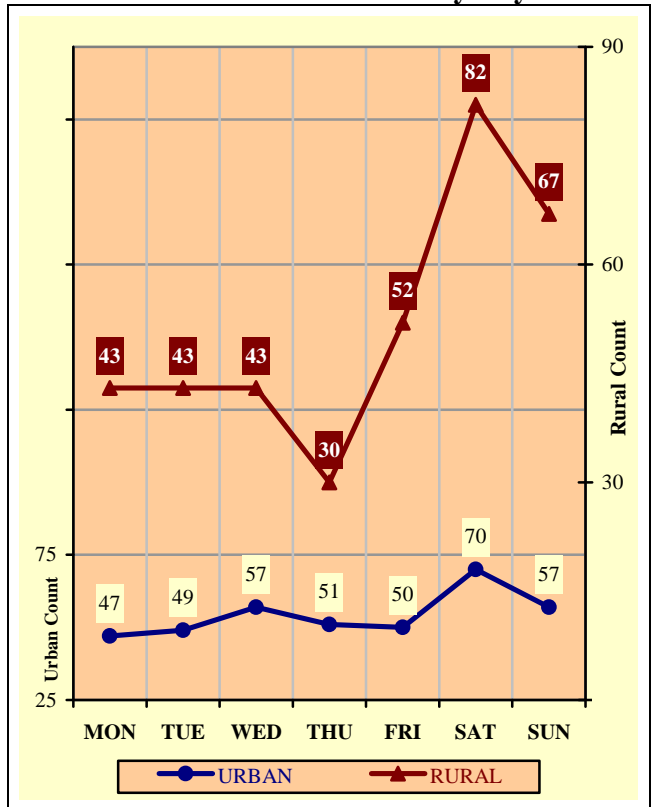
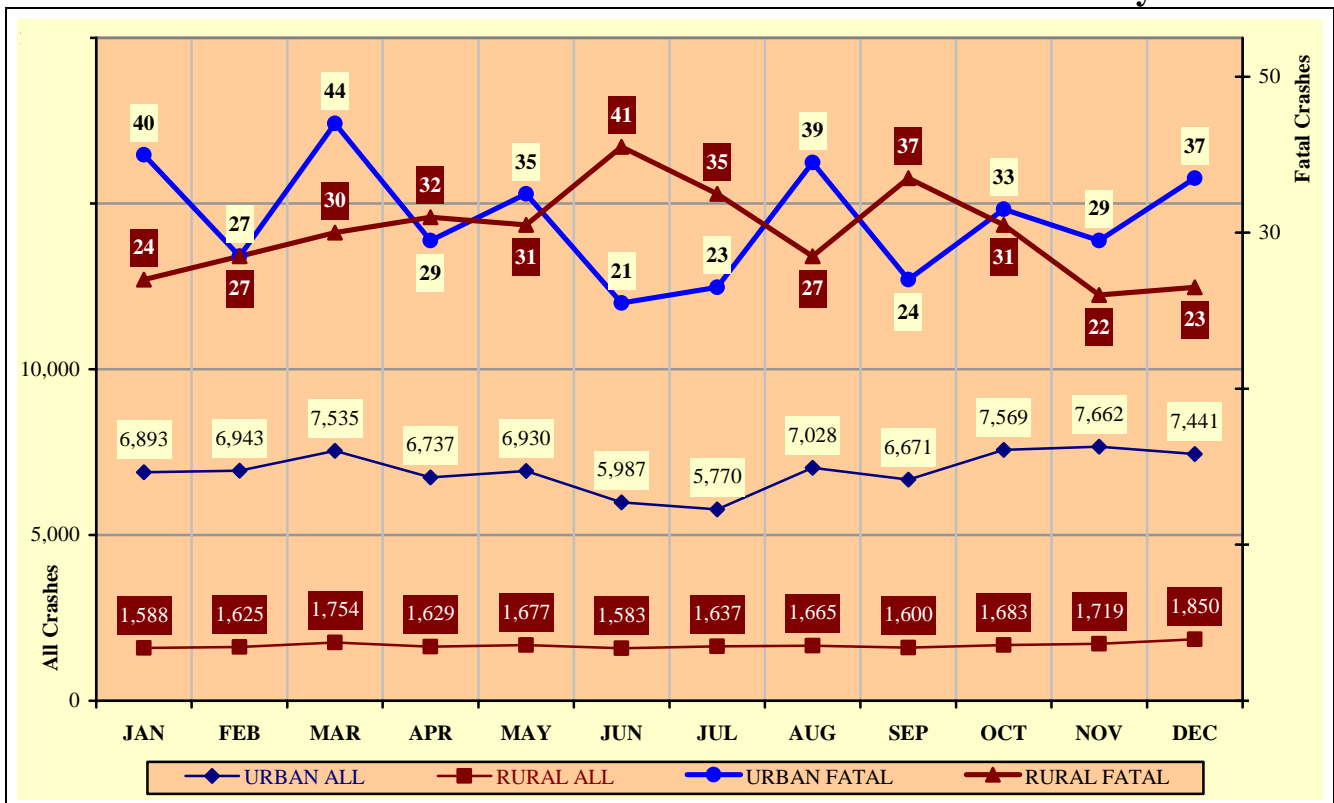


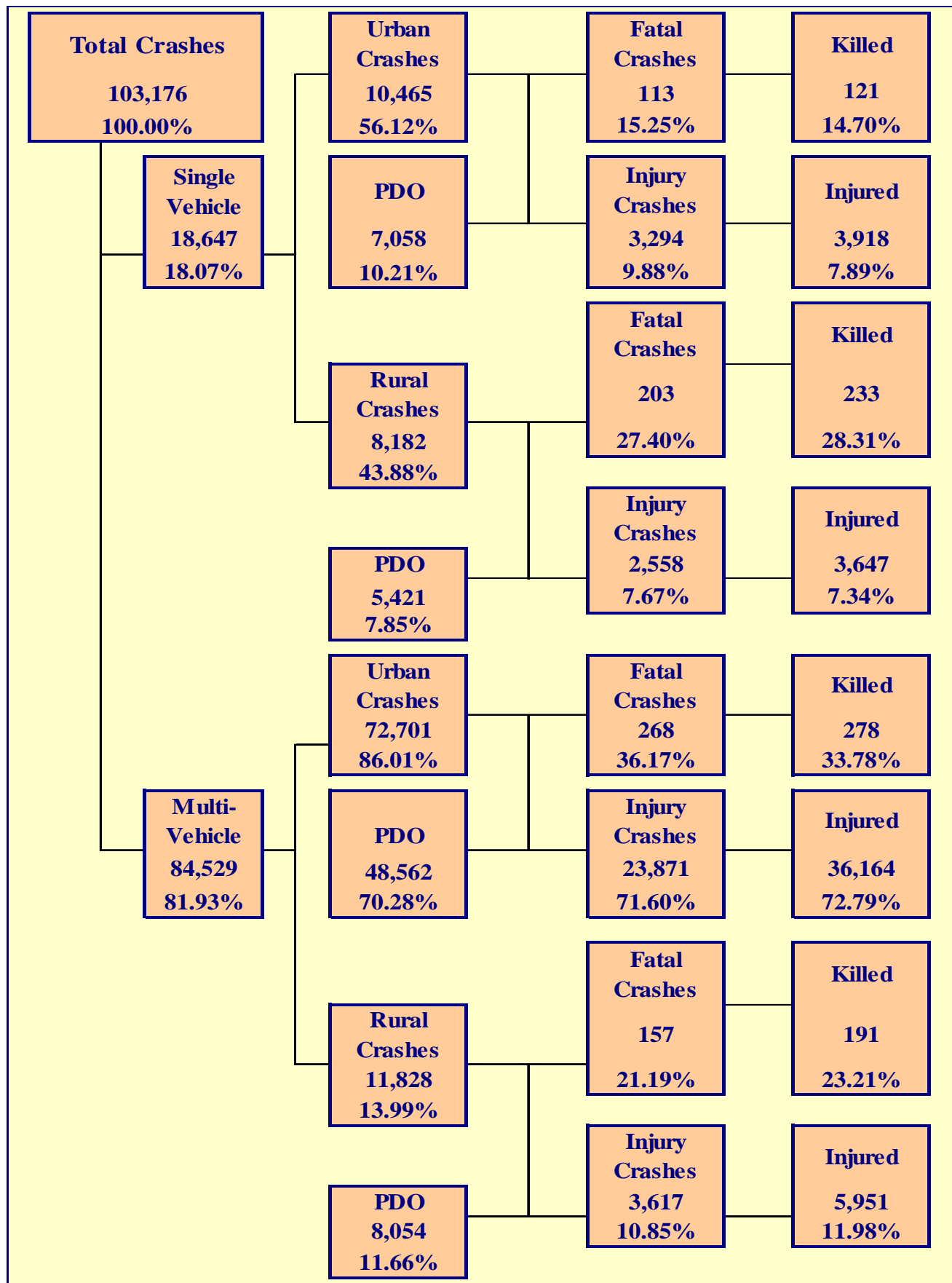
Chart 2 – 3

All Urban and Rural Crashes vs. Urban and Rural Fatal Crashes by Month



Section 3

Crash Descriptions



Section 3: – Crash Descriptions

Table 3 – 1
Manner of Collision in Multi-Vehicle Crashes

Manner of Collision Type	Number of Crashes							
	Total	Percent of Total Crashes	Fatal	Percent of Fatal Crashes	Injury	Percent of Injury Crashes	PDO	Percent of PDO Crashes
Angle	14,605	17.28%	62	14.59%	5,945	21.63%	8,598	15.19%
Left Turn	12,077	14.29%	43	10.12%	5,263	19.15%	6,771	11.96%
Rear End	38,567	45.63%	50	11.76%	11,908	43.32%	26,609	47.00%
Head-On	1,483	1.75%	54	12.71%	725	2.64%	704	1.24%
Sideswipe (same)	10,851	12.84%	19	4.47%	1,534	5.58%	9,298	16.42%
Sideswipe (opposite)	1,290	1.53%	4	0.94%	322	1.17%	964	1.70%
Rear to Side	906	1.07%	0	0.00%	74	0.27%	832	1.47%
Rear to Rear	287	0.34%	0	0.00%	48	0.17%	239	0.42%
Other	3,564	4.22%	186	43.76%	1,468	5.34%	1,910	3.37%
Unknown	899	1.06%	7	1.65%	201	0.73%	691	1.22%
TOTAL	84,529	100.00%	425	100.00%	27,488	100.00%	56,616	100.00%

Table 3 – 2
Lighting Conditions

Type of Lighting Conditions	Number of Crashes				Number of Persons	
	Total	Fatal	Injury	PDO	Killed	Injured
Daylight	73,445	334	23,679	49,432	378	35,218
Dawn	1,635	17	510	1,108	18	770
Dusk	3,182	24	1,106	2,052	25	1,622
Dark - Lighted	17,974	150	6,145	11,679	159	9,193
Dark - Not Lighted	6,196	146	1,761	4,289	168	2,662
Dark - Unknown Lighting	744	70	139	535	75	215
TOTAL	103,176	741	33,340	69,095	823	49,680

Table 3 – 3
Weather Conditions

Type of Weather Conditions	Number of Crashes				Number of Persons	
	Total	Fatal	Injury	PDO	Killed	Injured
Clear	91,879	566	29,922	61,391	630	44,546
Cloudy	7,328	56	2,405	4,867	66	3,577
Sleet/Hail	102	0	30	72	0	49
Rain	2,290	12	654	1,624	13	952
Snow	532	1	106	425	1	183
Severe Crosswinds	99	2	32	65	2	41
Blowing Sand, Soil, Dirt	98	2	36	60	2	74
Fog, Smog, Smoke	11	0	3	8	0	4
Blowing Snow	19	1	2	16	1	5
Other	50	1	20	29	1	33
Unknown	768	100	130	538	107	216
TOTAL	103,176	741	33,340	69,095	823	49,680

Section 3: – Crash Descriptions

Table 3 – 4
Road Surface Conditions

Type of Road Surface Condition	Number of Drivers				Number of Persons	
	Total	In Fatal Crashes	In Injury Crashes	In PDO Crashes	Killed	Injured
Dry	185,529	959	61,199	123,371	680	47,385
Wet	5,290	22	1,615	3,653	16	1,327
Snow	729	2	135	592	1	138
Slush	116	0	26	90	0	35
Ice/Frost	391	1	98	292	1	116
Water (standing or moving)	74	3	23	48	2	28
Sand	58	1	22	35	1	26
Mud, Dirt, Gravel	583	12	195	376	15	230
Oil	54	0	15	39	0	8
Other	86	0	28	58	0	25
Unknown	2,852	120	569	2,163	107	362
TOTAL	195,762	1,120	63,925	130,717	823	49,680

Table 3 – 5
Roadway Grade

Type of Roadway Grade	Number of Drivers				Number of Persons	
	Total	In Fatal Crashes	In Injury Crashes	In PDO Crashes	Killed	Injured
Level	178,096	811	58,311	118,974	565	44,742
Downhill	7,759	97	2,672	4,990	77	2,489
Uphill	5,967	63	1,898	4,006	51	1,648
Hillcrest	462	25	180	257	18	189
Sag/Dip/Bottom	168	3	73	92	3	77
Unknown	3,310	121	791	2,398	109	535
TOTAL	195,762	1,120	63,925	130,717	823	49,680

Table 3 – 6
Roadway Alignment

Type of Roadway Alignment	Number of Drivers				Number of Persons	
	Total	In Fatal Crashes	In Injury Crashes	In PDO Crashes	Killed	Injured
Straight	150,140	839	47,089	102,212	578	35,865
Curve Left	4,829	81	1,557	3,191	70	1,555
Curve Right	5,103	79	1,540	3,484	66	1,485
Unknown	35,690	121	13,739	21,830	109	10,775
TOTAL	195,762	1,120	63,925	130,717	823	49,680

Section 3: – Crash Descriptions

Chart 3 – 1

All Crashes vs. Fatal Crashes by Time of Day - Weekdays

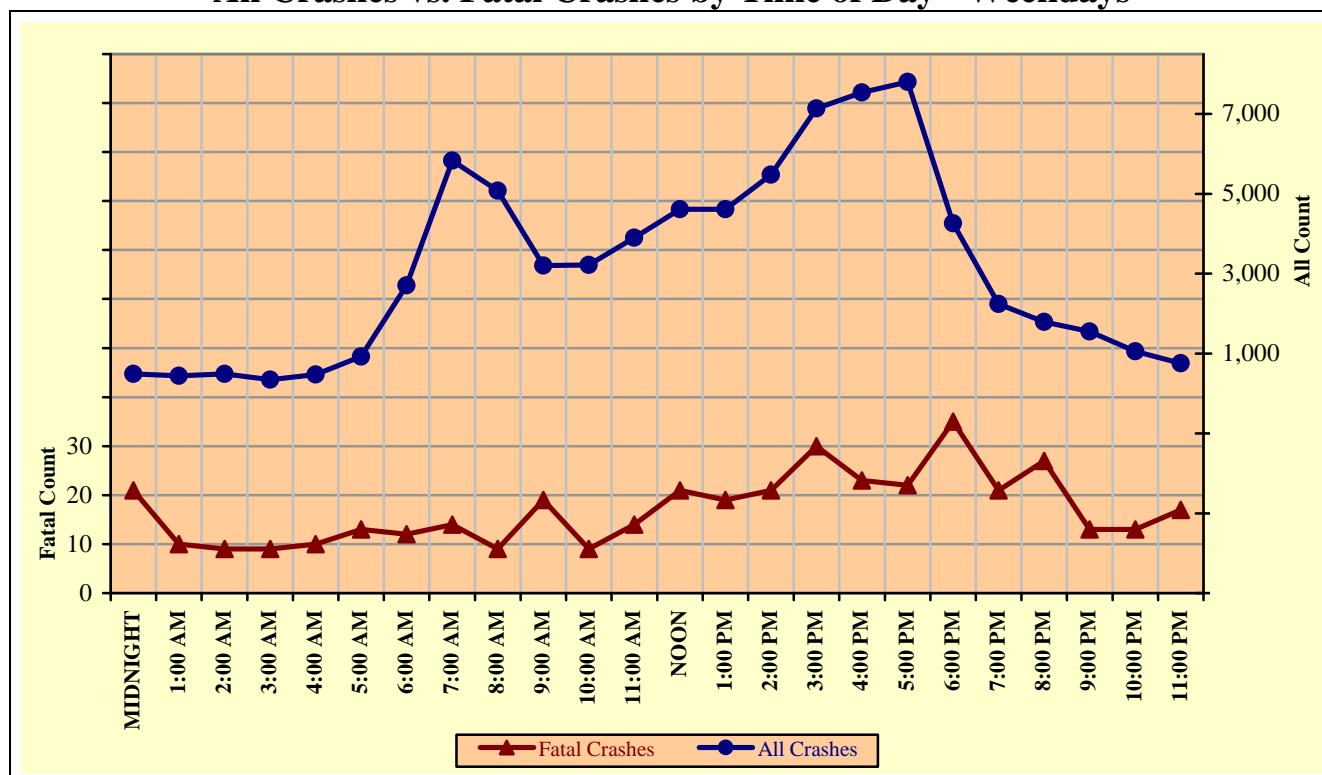
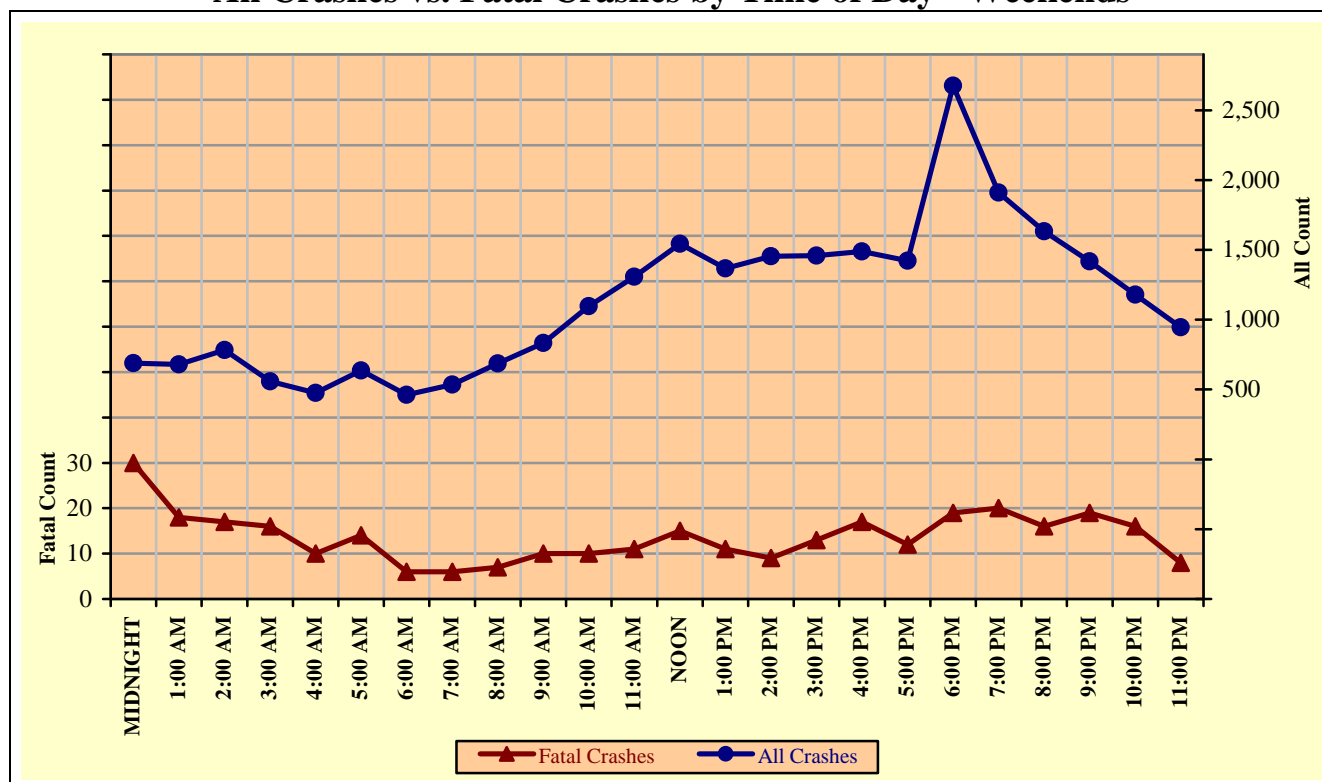


Chart 3 – 2

All Crashes vs. Fatal Crashes by Time of Day - Weekends



Section 3: – Crash Descriptions

Chart 3 – 3
Crashes by Day of Week

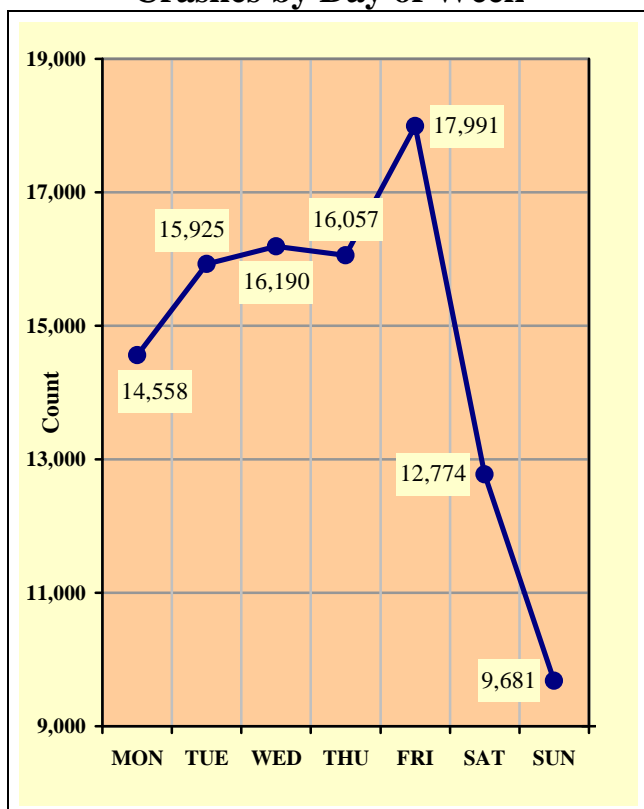


Chart 3 – 4
Fatal Crashes by Day of Week

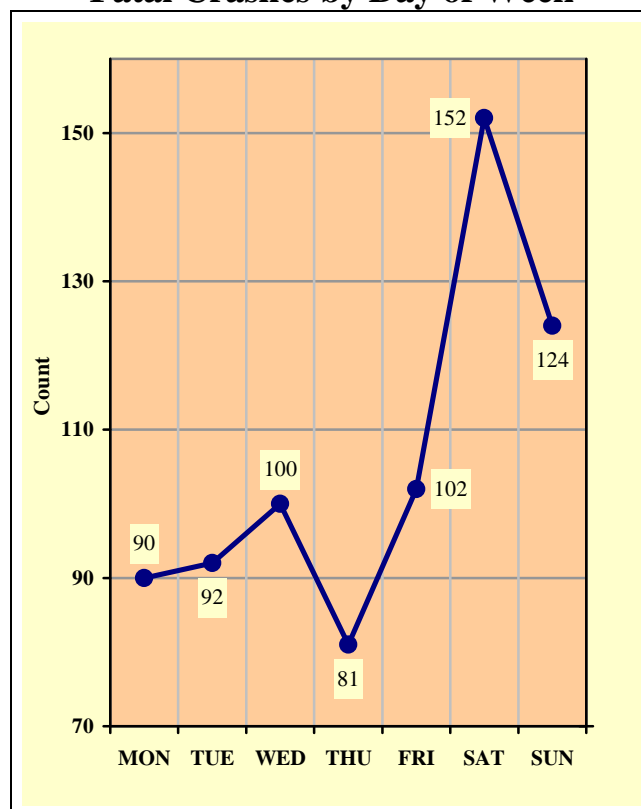
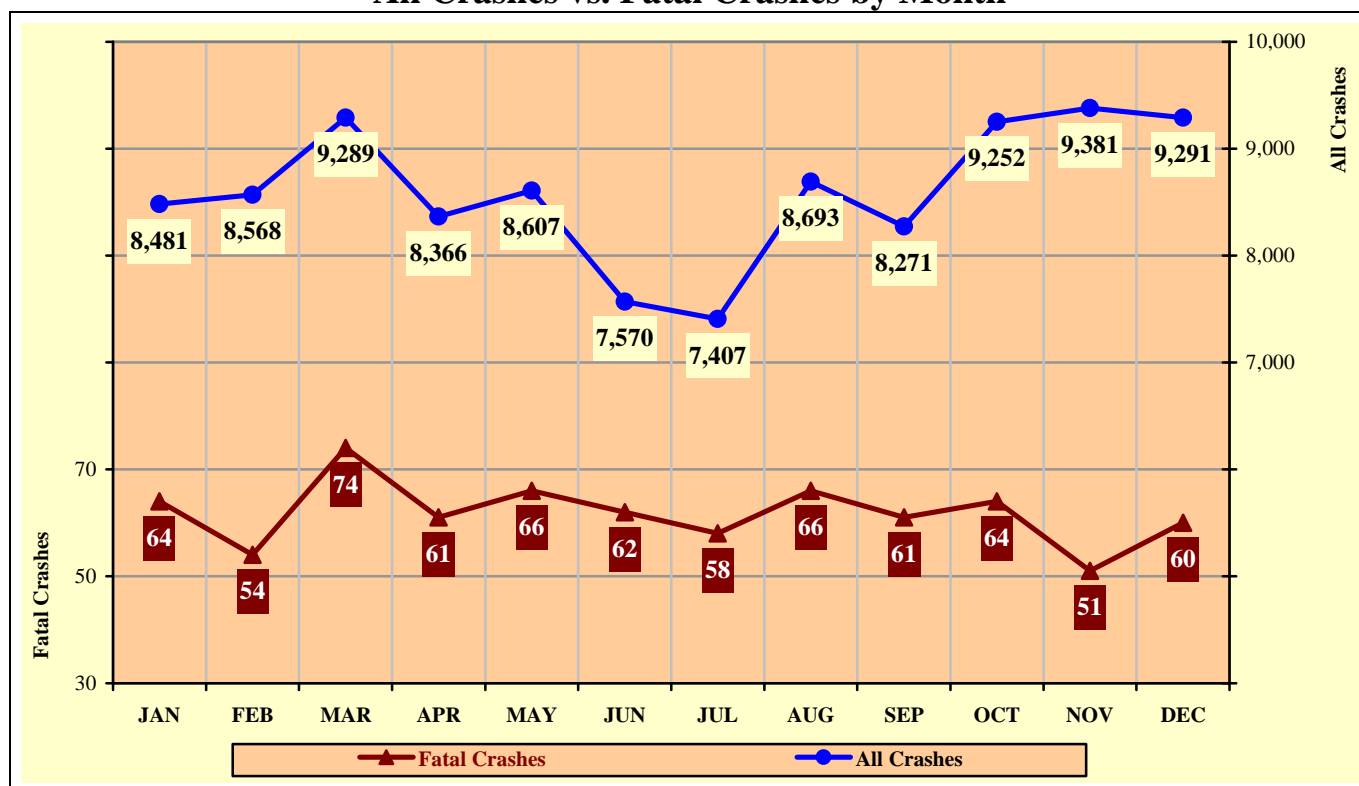


Chart 3 – 5
All Crashes vs. Fatal Crashes by Month



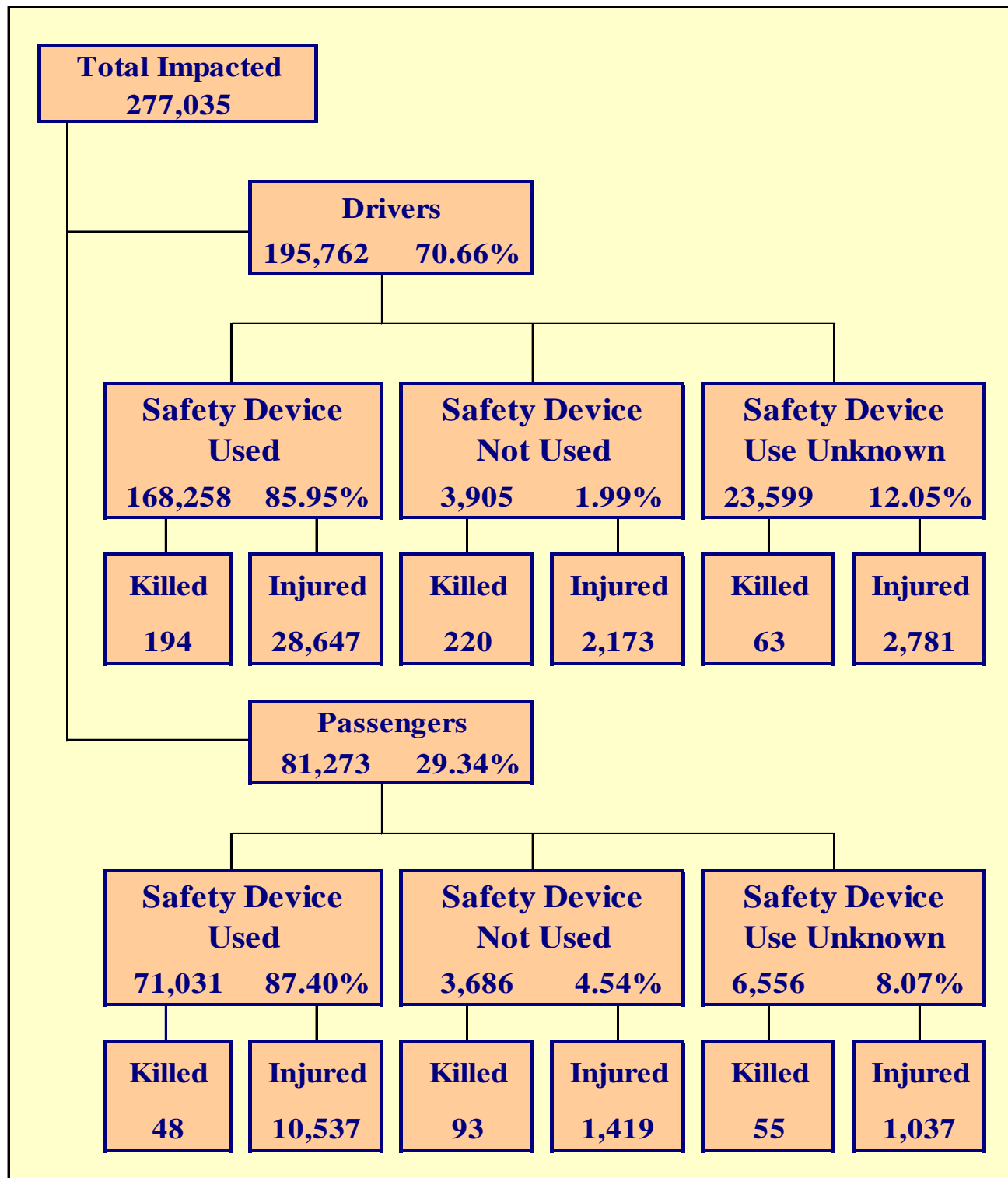
Section 3: – Crash Descriptions

Table 3 – 7
Crashes by Hour and Day of Week

Hour Beginning	Total Crashes		Monday		Tuesday		Wednesday		Thursday		Friday		Saturday		Sunday		Weekdays		Weekends	
	All	Fatal	All	Fatal	All	Fatal	All	Fatal	All	Fatal	All	Fatal	All	Fatal	All	Fatal	All	Fatal	All	Fatal
12:00 AM	1,180	51	111	8	109	5	98	7	131	2	154	7	290	12	287	10	492	21	688	30
1:00 AM	1,124	28	122	4	88	4	93	0	136	4	127	2	287	8	271	6	444	10	680	18
2:00 AM	1,278	26	102	3	97	1	111	1	134	4	153	3	343	10	338	4	495	9	783	17
3:00 AM	904	25	91	1	71	3	73	0	90	2	112	4	214	8	253	7	346	9	558	16
4:00 AM	950	20	107	3	97	5	117	2	133	3	128	0	184	5	184	2	475	10	475	10
5:00 AM	1,560	27	240	4	224	4	224	6	253	1	223	2	208	3	188	7	924	13	636	14
6:00 AM	3,168	18	467	5	569	2	613	2	542	1	515	2	240	4	222	2	2,706	12	462	6
7:00 AM	6,363	20	1,086	4	1,314	2	1,222	2	1,160	1	1,045	5	318	6	218	0	5,827	14	536	6
8:00 AM	5,763	16	936	0	1,142	0	1,069	4	1,023	1	907	4	427	3	259	4	5,077	9	686	7
9:00 AM	4,036	29	630	3	653	4	652	6	604	1	664	5	495	6	338	4	3,203	19	833	10
10:00 AM	4,315	19	622	3	627	1	634	4	587	1	749	0	655	7	441	3	3,219	9	1,096	10
11:00 AM	5,208	25	706	1	737	1	791	2	720	6	947	4	782	2	525	9	3,901	14	1,307	11
12:00 PM	6,157	36	840	3	896	4	908	7	954	2	1,016	5	892	6	651	9	4,614	21	1,543	15
1:00 PM	5,976	30	930	2	851	4	884	6	851	2	1,093	5	781	4	586	7	4,609	19	1,367	11
2:00 PM	6,934	30	990	4	1,018	5	1,081	5	1,053	4	1,338	3	821	7	633	2	5,480	21	1,454	9
3:00 PM	8,596	43	1,334	6	1,426	7	1,409	4	1,408	3	1,561	10	865	9	593	4	7,138	30	1,458	13
4:00 PM	9,029	40	1,406	4	1,491	5	1,465	4	1,485	6	1,694	4	824	8	664	9	7,541	23	1,488	17
5:00 PM	9,224	34	1,326	4	1,677	2	1,633	4	1,605	6	1,561	6	797	8	625	4	7,802	22	1,422	12
6:00 PM	6,938	54	899	11	1,067	6	1,133	8	1,164	10	1,228	9	843	4	604	6	4,263	35	2,675	19
7:00 PM	4,151	41	501	3	538	4	601	7	601	7	733	6	653	7	524	7	2,241	21	1,910	20
8:00 PM	3,422	43	378	8	434	7	496	8	482	4	636	3	543	8	453	5	1,790	27	1,632	16
9:00 PM	2,968	32	339	0	371	4	403	4	437	5	554	9	510	7	354	3	1,550	13	1,418	19
10:00 PM	2,231	29	218	3	259	4	284	3	290	3	471	1	432	7	277	8	1,051	13	1,180	16
11:00 PM	1,701	25	177	3	169	8	196	4	214	2	382	3	370	3	193	2	756	17	945	8
TOTAL	103,176	741	14,558	90	15,925	92	16,190	100	16,057	81	17,991	102	12,774	152	9,681	124	75,944	411	27,232	330

Crashes during Weekends accounted for 26.39% of all crashes and 44.53% of Fatal Crashes.

Crashes during Weekdays accounted for 73.61% of all crashes and 55.47% of Fatal Crashes.



Section 4: – Safety Devices

Table 4 – 1
Child Safety Device Usage (less than five years old)

Severity of Injury	Safety Device Used	Percent of Safety Device Used	Safety Device Not Used	Percent of Safety Device Not Used	Safety Device Use Unknown	Percent of Unknown
No Injury	9,744	89.29%	152	66.09%	233	57.67%
Unknown Injury	165	1.51%	5	2.17%	83	20.54%
Possible Injury	697	6.39%	25	10.87%	31	7.67%
Non-Incapacitating Injury	261	2.39%	33	14.35%	35	8.66%
Incapacitating Injury	44	0.40%	12	5.22%	15	3.71%
Fatal Injury	2	0.02%	3	1.30%	7	1.73%
TOTALS	10,913	100.00%	230	100.00%	404	100.00%

Table 4 – 2
Driver Safety Device Usage

Severity of Injury	Safety Device Used	Percent of Safety Device Used	Safety Device Not Used	Percent of Safety Device Not Used	Safety Device Use Unknown	Percent of Unknown
No Injury	137,496	81.72%	1,428	36.57%	10,697	45.33%
Unknown Injury	1,921	1.14%	84	2.15%	10,058	42.62%
Possible Injury	17,204	10.22%	609	15.60%	1,158	4.91%
Non-Incapacitating Injury	9,592	5.70%	995	25.48%	1,191	5.05%
Incapacitating Injury	1,851	1.10%	569	14.57%	432	1.83%
Fatal Injury	194	0.12%	220	5.63%	63	0.27%
TOTALS	168,258	100.00%	3,905	100.00%	23,599	100.00%

Table 4 – 3
Passenger Safety Device Usage

Severity of Injury	Safety Device Used	Percent of Safety Device Used	Safety Device Not Used	Percent of Safety Device Not Used	Safety Device Use Unknown	Percent of Unknown
No Injury	59,509	83.78%	2,034	55.18%	4,080	62.23%
Unknown Injury	937	1.32%	140	3.80%	1,384	21.11%
Possible Injury	6,626	9.33%	493	13.37%	498	7.60%
Non-Incapacitating Injury	3,325	4.68%	641	17.39%	377	5.75%
Incapacitating Injury	586	0.82%	285	7.73%	162	2.47%
Fatal Injury	48	0.07%	93	2.52%	55	0.84%
TOTALS	71,031	100.00%	3,686	100.00%	6,556	100.00%

Section 4: – Safety Devices

Table 4 – 4
Driver Safety Device Usage by Gender

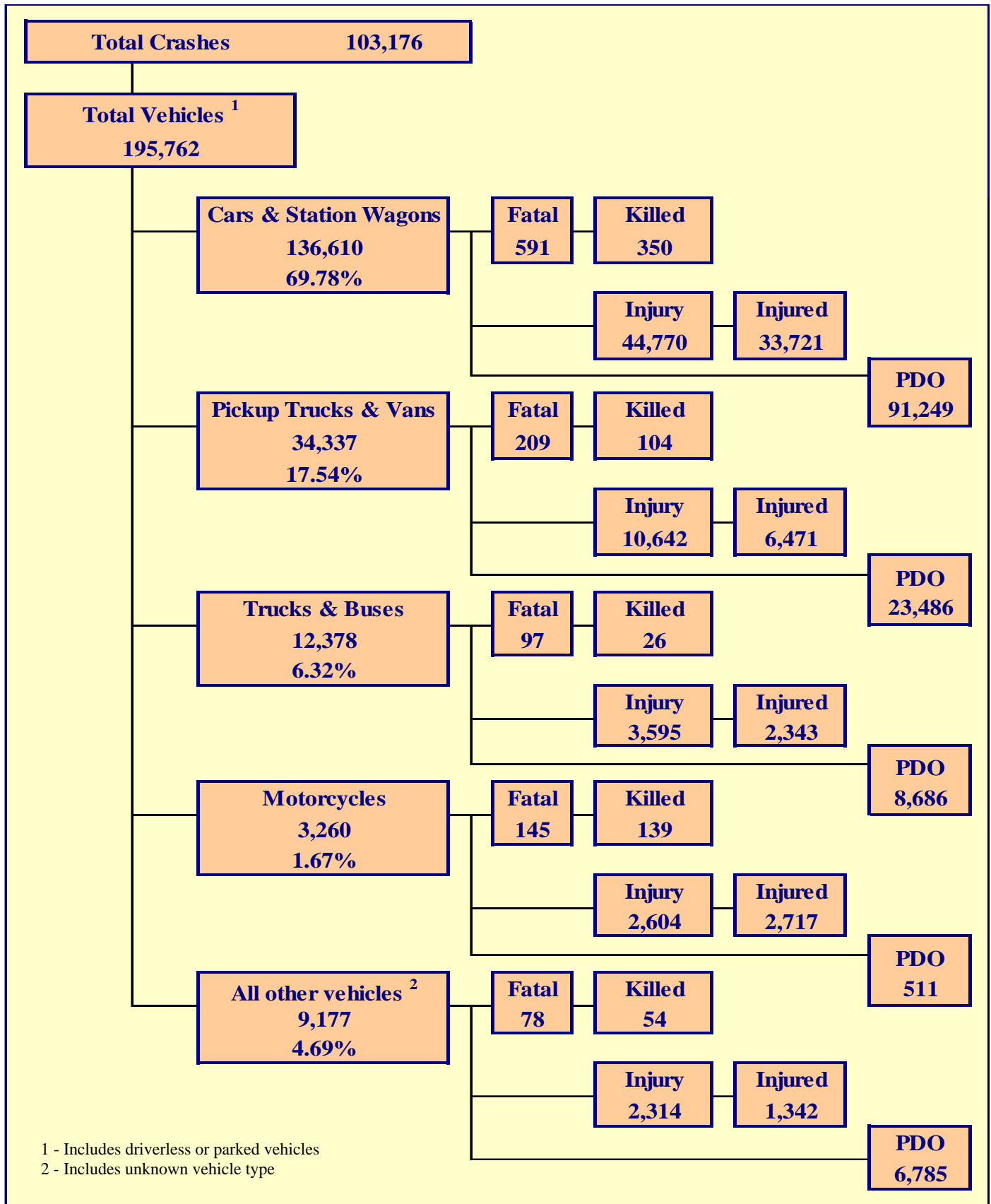
Gender of Driver	Number of Drivers						Total	Percent of Total
	Safety Device Used	Percent of Safety Device Used	Safety Device Not Used	Percent of Safety Device Not Used	Safety Device Use Unknown	Percent of Unknown		
Male	92,333	54.88%	2,755	70.55%	8,382	35.52%	103,470	52.85%
Female	75,797	45.05%	1,121	28.71%	4,185	17.73%	81,103	41.43%
Unknown	128	0.08%	29	0.74%	11,032	46.75%	11,189	5.72%
TOTAL	168,258	100.00%	3,905	100.00%	23,599	100.00%	195,762	100.00%

Table 4 – 5
Driver Safety Device Usage by Age

Driver Age Group	Number of Drivers						Total	Percent of Total
	Safety Device Used	Percent of Safety Device Used	Safety Device Not Used	Percent of Safety Device Not Used	Safety Device Use Unknown	Percent of Unknown		
15 & Under	220	0.13%	33	0.85%	31	0.13%	284	0.15%
16	2,258	1.34%	45	1.15%	131	0.56%	2,434	1.24%
17	3,438	2.04%	76	1.95%	225	0.95%	3,739	1.91%
18	4,811	2.86%	160	4.10%	312	1.32%	5,283	2.70%
19	4,976	2.96%	158	4.05%	330	1.40%	5,464	2.79%
20	5,054	3.00%	166	4.25%	398	1.69%	5,618	2.87%
21	4,987	2.96%	166	4.25%	384	1.63%	5,537	2.83%
22	4,926	2.93%	145	3.71%	375	1.59%	5,446	2.78%
23	4,292	2.55%	128	3.28%	364	1.54%	4,784	2.44%
24	4,214	2.50%	140	3.59%	292	1.24%	4,646	2.37%
25-34	36,249	21.54%	858	21.97%	2,516	10.66%	39,623	20.24%
35-44	29,990	17.82%	609	15.60%	1,873	7.94%	32,472	16.59%
45-54	26,580	15.80%	541	13.85%	1,590	6.74%	28,711	14.67%
55-64	19,007	11.30%	362	9.27%	1,078	4.57%	20,447	10.44%
65-74	10,257	6.10%	169	4.33%	604	2.56%	11,030	5.63%
75 & Older	5,827	3.46%	68	1.74%	301	1.28%	6,196	3.17%
Unknown	1,172	0.70%	81	2.07%	12,795	54.22%	14,048	7.18%
TOTAL	168,258	100.00%	3,905	100.00%	23,599	100.00%	195,762	100.00%

Section 5

Motor Vehicle and Driver Descriptions



Section 5: – Motor Vehicle and Driver Descriptions

Table 5 – 1

Arizona Motor Vehicle Registrations

Privately Owned Vehicles	4,360,345
Commercial Vehicles	434,553
Buses and Taxis	4,158
Motorcycles	170,160
Mopeds	404
TOTAL	4,969,620
Source: MVD - MV988 MV630419, Currently Registered Vehicles by County Listing, dated 12/31/2012.	

Table 5 – 2

Motor Vehicle Crash Involvement by Vehicle Type

Motor Vehicle Type	Number of Vehicles				
	Total	Percent of Total	In Fatal Crashes	In Injury Crashes	In PDO Crashes
Passenger Cars (Sedans, Convertibles, etc.)	97,343	49.725%	373	31,730	65,240
Station Wagons	39,267	20.059%	218	13,040	26,009
Pickup Trucks	32,391	16.546%	202	10,066	22,123
Vans	1,946	0.994%	7	576	1,363
Truck Tractor (with or without Semi-Trailer)	2,568	1.312%	48	571	1,949
Concrete Mixer Trucks	41	0.021%	0	10	31
Dump Trucks	178	0.091%	2	41	135
Garbage Trucks	124	0.063%	2	18	104
Tanker Trucks	28	0.014%	0	8	20
Wrecker or Tow Trucks	113	0.058%	0	27	86
Other Truck Combinations	8,101	4.138%	39	2,642	5,420
School Bus	198	0.101%	1	51	146
Commercial or Non-Commercial Bus	1,027	0.525%	5	227	795
Motorcycle (two or three wheel)	3,260	1.665%	145	2,604	511
All Terrain Vehicle or Cycle	139	0.071%	6	113	20
Moped	17	0.009%	2	14	1
Recreational Vehicle	81	0.041%	0	22	59
Motor Home or House Car	152	0.078%	3	23	126
Fire Trucks	50	0.026%	0	3	47
Ambulances	55	0.028%	1	12	42
Other Types Of Vehicles	124	0.063%	5	56	63
Vehicle Type Unknown	8,559	4.372%	61	2,071	6,427
TOTAL	195,762	100.00%	1,120	63,925	130,717

Section 5: – Motor Vehicle and Driver Descriptions

Table 5 – 3

Hit and Run Drivers Involved in Crashes

Hit and Run	Number of Crashes				Number of Persons	
	Total	Fatal	Injury	PDO	Killed	Injured
Yes	11,694	35	2,365	9,294	36	3,103
No	91,482	706	30,975	59,801	787	46,577
TOTAL	103,176	741	33,340	69,095	823	49,680

Table 5 – 4

Gender of Drivers Involved in Crashes

Gender of Driver	Number of Drivers							
	Total	Percent of Total	In Fatal Crashes	Percent of Fatal	In Injury Crashes	Percent of Injury	In PDO Crashes	Percent of PDO
Male	103,470	52.85%	769	68.66%	34,061	53.28%	68,640	52.51%
Female	81,103	41.43%	279	24.91%	28,038	43.86%	52,786	40.38%
Unknown	11,189	5.72%	72	6.43%	1,826	2.86%	9,291	7.11%
TOTAL	195,762	100.00%	1,120	100.00%	63,925	100.00%	130,717	100.00%

Table 5 – 5

License Status of Drivers Involved in Crashes

License Status of Driver	Number of Drivers							
	Total	Percent of Total	In Fatal Crashes	Percent of Fatal	In Injury Crashes	Percent of Injury	In PDO Crashes	Percent of PDO
Arizona License	155,398	79.38%	822	73.39%	52,729	82.49%	101,847	77.91%
All Others*	40,364	20.62%	298	26.61%	11,196	17.51%	28,870	22.09%
TOTAL	195,762	100.00%	1,120	100.00%	63,925	100.00%	130,717	100.00%

*Includes drivers that have a suspended, revoked, out-of-state or country license, as well as drivers with no license or unknown license type

Table 5 – 6

Passengers Killed and Injured by Age and Gender

Age of Passenger	Passengers Killed				Passengers Injured			
	Total	Male	Female	Gender Unknown	Total	Male	Female	Gender Unknown
0-4	5	4	1	0	858	447	411	0
5-9	5	3	2	0	1,112	537	575	0
10-14	18	12	6	0	1,185	505	680	0
15-19	32	18	14	0	1,996	798	1,198	0
20-24	22	16	6	0	1,560	657	903	0
25-34	36	22	14	0	1,665	686	979	0
35-44	18	13	5	0	1,158	391	767	0
45-54	18	6	12	0	1,106	325	781	0
55-64	16	7	9	0	912	236	676	0
65-74	8	2	6	0	592	123	469	0
75 & Older	15	5	10	0	437	118	319	0
Unknown	3	0	0	3	412	147	221	44
TOTAL	196	108	85	3	12,993	4,970	7,979	44

Section 5: – Motor Vehicle and Driver Descriptions

Table 5 – 7

Drivers and Passengers Killed and Injured by Vehicle Type

Motor Vehicle Type	Number of Drivers		Number of Passengers	
	Killed	Injured	Killed	Injured
Passenger Cars (Sedans, Convertibles, etc.)	146	17,676	64	6,513
Station Wagons	83	6,482	57	3,050
Pickup Trucks	72	4,356	31	1,751
Vans	1	226	0	138
Truck Tractor (with or without Semi-Trailer)	8	166	0	48
Concrete Mixer Trucks	0	1	0	1
Dump Trucks	0	14	0	1
Garbage Trucks	0	3	0	0
Tanker Trucks	0	2	0	0
Wrecker or Tow Trucks	0	5	0	0
Other Truck Combinations	7	1,167	11	649
School Bus	0	16	0	53
Commercial or Non-Commercial Bus	0	35	0	182
Motorcycle (two or three wheel)	129	2,535	10	182
All Terrain Vehicle or Cycle	4	103	2	44
Moped	2	14	0	0
Recreational Vehicle	0	9	0	2
Motor Home or House Car	2	4	3	10
Fire Trucks	0	0	0	0
Ambulances	0	7	0	8
Other Types Of Vehicles	2	40	2	17
Vehicle Type Unknown	21	740	16	344
TOTAL	477	33,601	196	12,993

Table 5 – 8

Drivers Killed and Injured by Age and Gender

Age of Driver	Drivers Killed				Drivers Injured			
	Total	Male	Female	Gender Unknown	Total	Male	Female	Gender Unknown
0-4	0	0	0	0	1	1	0	0
5-9	1	1	0	0	1	0	1	0
10-14	0	0	0	0	21	18	3	0
15-19	32	18	14	0	2,722	1,310	1,412	0
20-24	68	56	12	0	4,909	2,470	2,439	0
25-34	87	65	22	0	7,233	3,613	3,620	0
35-44	72	60	12	0	5,848	2,829	3,019	0
45-54	81	62	19	0	5,448	2,727	2,721	0
55-64	68	58	10	0	3,937	2,016	1,921	0
65-74	31	21	10	0	2,095	1,092	1,003	0
75 & Older	36	31	5	0	1,139	594	545	0
Unknown	1	0	0	1	247	142	54	51
TOTAL	477	372	104	1	33,601	16,812	16,738	51

Section 5: – Motor Vehicle and Driver Descriptions

Table 5 – 9
Licensed Drivers in Arizona by Age

Driver Age Group	Male Number	Percent of Male	Female Number	Percent of Female	Total Number	Percent of Total	Cumulative Percent
16	10,194	0.43%	9,975	0.42%	20,169	0.43%	0.43%
17	18,546	0.78%	17,372	0.74%	35,918	0.76%	1.18%
18	26,547	1.11%	24,316	1.03%	50,863	1.07%	2.26%
19	31,558	1.32%	29,106	1.24%	60,664	1.28%	3.54%
20	34,713	1.46%	32,381	1.38%	67,094	1.42%	4.96%
21	36,628	1.54%	35,105	1.49%	71,733	1.51%	6.47%
22	38,756	1.63%	37,417	1.59%	76,173	1.61%	8.08%
23	39,202	1.65%	37,930	1.61%	77,132	1.63%	9.71%
24	39,456	1.66%	39,064	1.66%	78,520	1.66%	11.36%
25-34	435,797	18.30%	429,847	18.26%	865,644	18.28%	29.64%
35-44	458,240	19.24%	429,606	18.25%	887,846	18.74%	48.38%
45-54	449,440	18.87%	436,335	18.53%	885,775	18.70%	67.09%
55-64	388,279	16.30%	404,351	17.17%	792,630	16.73%	83.82%
65-74	232,866	9.78%	243,703	10.35%	476,569	10.06%	93.88%
75 & older	141,695	5.95%	148,092	6.29%	289,787	6.12%	100.00%
TOTALS	2,381,917	100.00%	2,354,600	100.00%	4,736,517	100.00%	100.00%

Source: MVD - MV708 MV650653-1, Point-in-Time Driver Credential Report/All Driver Licenses by Age, Gender, & Class (page 19), dated 1/2/2013.

Table 5 – 10
Driver Involvement by Age

Driver Age Group	Number of Drivers							
	Total	Percent of Total	In Fatal Crashes	Percent of Fatal	In Injury Crashes	Percent of Injury	In PDO Crashes	Percent of PDO
15 & Under	284	0.15%	2	0.18%	111	0.17%	171	0.13%
16	2,434	1.24%	11	0.98%	768	1.20%	1,655	1.27%
17	3,739	1.91%	19	1.70%	1,129	1.77%	2,591	1.98%
18	5,283	2.70%	24	2.14%	1,744	2.73%	3,515	2.69%
19	5,464	2.79%	17	1.52%	1,829	2.86%	3,618	2.77%
20	5,618	2.87%	26	2.32%	1,942	3.04%	3,650	2.79%
21	5,537	2.83%	33	2.95%	1,869	2.92%	3,635	2.78%
22	5,446	2.78%	35	3.13%	1,867	2.92%	3,544	2.71%
23	4,784	2.44%	27	2.41%	1,662	2.60%	3,095	2.37%
24	4,646	2.37%	35	3.13%	1,587	2.48%	3,024	2.31%
25-34	39,623	20.24%	184	16.43%	13,283	20.78%	26,156	20.01%
35-44	32,472	16.59%	182	16.25%	10,841	16.96%	21,449	16.41%
45-54	28,711	14.67%	181	16.16%	9,788	15.31%	18,742	14.34%
55-64	20,447	10.44%	148	13.21%	6,984	10.93%	13,315	10.19%
65-74	11,030	5.63%	71	6.34%	3,827	5.99%	7,132	5.46%
75 & Older	6,196	3.17%	47	4.20%	2,100	3.29%	4,049	3.10%
Unknown	14,048	7.18%	78	6.96%	2,594	4.06%	11,376	8.70%
TOTAL	195,762	100.00%	1,120	100.00%	63,925	100.00%	130,717	100.00%

Section 5: – Motor Vehicle and Driver Descriptions

Table 5 – 11
Driver Violations

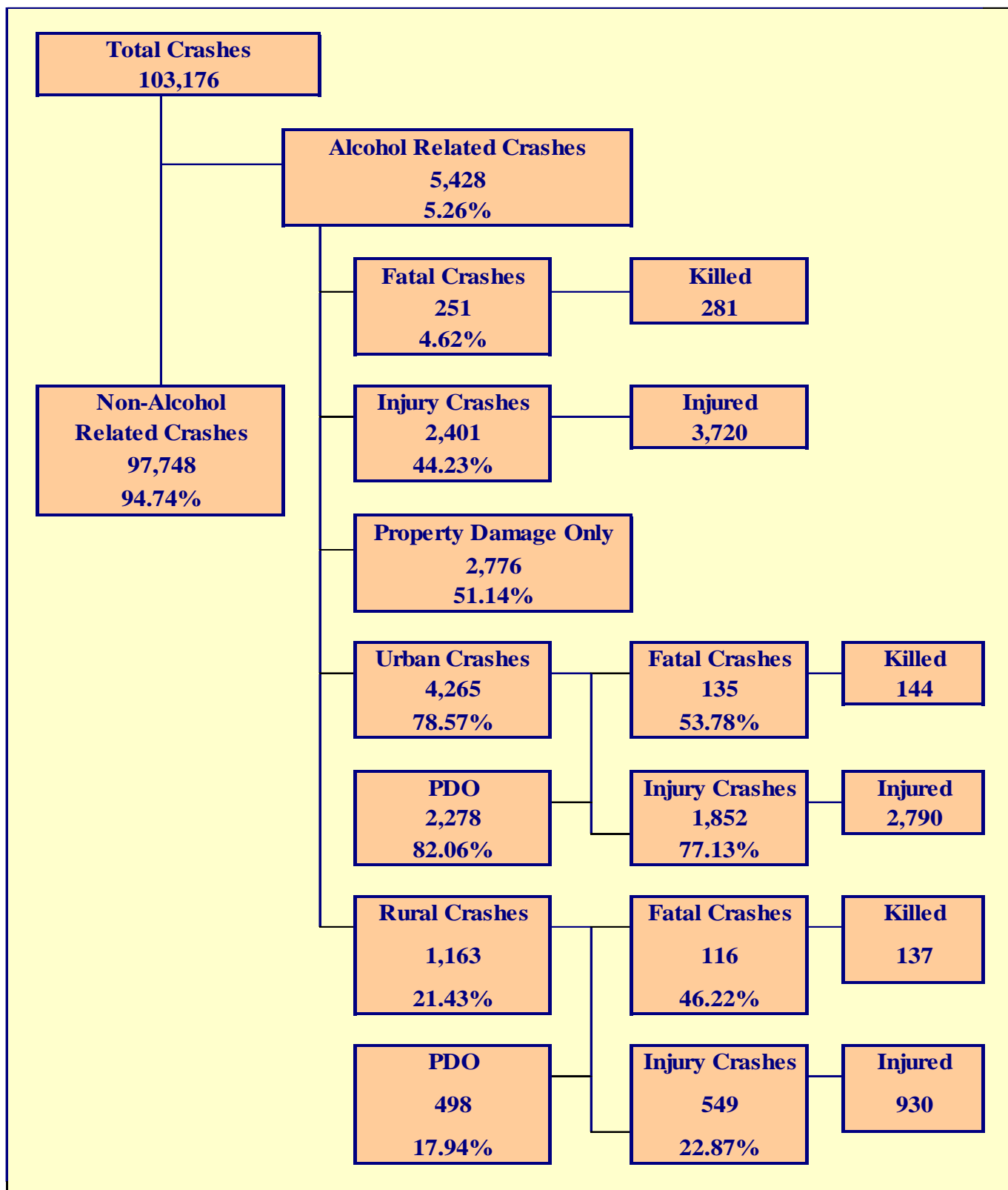
Type of Violation or Behavior	Number of Drivers							
	Total	Percent of Total	In Fatal Crashes	Percent of Fatal	In Injury Crashes	Percent of Injury	In PDO Crashes	Percent of PDO
No Improper Action	94,608	48.33%	421	37.59%	31,502	49.28%	62,685	47.95%
Speed too Fast for Conditions	32,845	16.78%	145	12.95%	11,194	17.51%	21,506	16.45%
Exceeded Lawful Speed	970	0.50%	41	3.66%	426	0.67%	503	0.38%
Failed to Yield Right-Of-Way	10,076	5.15%	56	5.00%	4,232	6.62%	5,788	4.43%
Followed Too Closely	4,783	2.44%	2	0.18%	1,260	1.97%	3,521	2.69%
Ran Stop Sign	1,088	0.56%	9	0.80%	470	0.74%	609	0.47%
Disregarded Traffic Signal	4,561	2.33%	30	2.68%	2,215	3.46%	2,316	1.77%
Made Improper Turn	5,726	2.92%	11	0.98%	1,775	2.78%	3,940	3.01%
Drove in Opposing Lane	1,228	0.63%	61	5.45%	497	0.78%	670	0.51%
Knowingly Operated with Faulty or Missing Equipment	221	0.11%	1	0.09%	63	0.10%	157	0.12%
Required Motorcycle Safety Equipment Not Used	28	0.01%	1	0.09%	19	0.03%	8	0.01%
Passed in No-Passing Zone	110	0.06%	3	0.27%	25	0.04%	82	0.06%
Unsafe Lane Change	5,681	2.90%	13	1.16%	912	1.43%	4,756	3.64%
Failed to Keep in Proper Lane	3,343	1.71%	54	4.82%	897	1.40%	2,392	1.83%
Disregarded Pavement Markings	190	0.10%	2	0.18%	53	0.08%	135	0.10%
Other Unsafe Passing	606	0.31%	6	0.54%	137	0.21%	463	0.35%
Inattention/Distraction	11,139	5.69%	28	2.50%	3,127	4.89%	7,984	6.11%
Electronic Communications Device	197	0.10%	2	0.18%	79	0.12%	116	0.09%
Other	6,193	3.16%	29	2.59%	1,954	3.06%	4,210	3.22%
Unknown	12,169	6.22%	205	18.30%	3,088	4.83%	8,876	6.79%
TOTAL	195,762	100.00%	1,120	100.00%	63,925	100.00%	130,717	100.00%

Table 5 – 12
Driver Physical Condition

Type of Condition	Number of Drivers							
	Total	Percent of Total	In Fatal Crashes	Percent of Fatal	In Injury Crashes	Percent of Injury	In PDO Crashes	Percent of PDO
No Apparent Influence	171,763	87.74%	578	51.61%	56,420	88.26%	114,765	87.80%
Had Been Drinking	5,198	2.66%	206	18.39%	2,228	3.49%	2,764	2.11%
Appeared to be Under the Influence of Drugs*	733	0.37%	42	3.75%	320	0.50%	371	0.28%
Medications	294	0.15%	5	0.45%	146	0.23%	143	0.11%
Illness	769	0.39%	5	0.45%	428	0.67%	336	0.26%
Physical Impairment	208	0.11%	0	0.00%	101	0.16%	107	0.08%
Fell Asleep or Fatigued	1,308	0.67%	17	1.52%	553	0.87%	738	0.56%
Other	1,078	0.55%	19	1.70%	307	0.48%	752	0.58%
Unknown	14,411	7.36%	248	22.14%	3,422	5.35%	10,741	8.22%
TOTAL	195,762	100.00%	1,120	100.00%	63,925	100.00%	130,717	100.00%
*Illegal drugs or narcotics								

Section 6

Alcohol Related Crashes



Section 6: – Alcohol Related Crashes

The statistics in the Alcohol Related section represent those crashes where the investigating officer indicated that a driver, pedestrian, or pedalcyclist had been drinking an alcoholic beverage and may or may not be substantiated by a blood or breath test. No assumption is to be made that the person was legally intoxicated (blood alcohol content of 0.08% or higher) at the time of the crash.

Table 6 – 1
Economic Loss Due to Alcohol Related Crashes in Arizona for 2012

Fatalities	\$407,000,400
Incapacitating Injuries	\$47,892,060
Non-Incapacitating Injuries	\$35,101,464
Possible Injuries	\$20,080,128
Property Damage Only	\$25,766,832
TOTAL	\$535,840,884

Refer to note on Page 4 for Economic Loss Estimates

Table 6 – 2
Alcohol Related Crash History

Year	Alcohol Related Crashes	Percent of all Crashes	Persons Killed	Percent of all Fatalities	Persons Injured	Percent of all Injuries
2008	6,878	5.71%	355	37.85%	4,834	8.55%
2009	5,900	5.51%	270	33.50%	4,179	8.23%
2010	5,572	5.22%	255	33.60%	3,788	7.51%
2011	5,583	5.38%	287	34.70%	3,683	7.41%
2012	5,428	5.26%	281	34.14%	3,720	7.49%

Table 6 – 3
Manner of Collision in Alcohol Related Crashes

Manner of Collision Type	Number of Crashes							
	Total	Percent of All Crashes	Fatal	Percent of Fatal Crashes	Injury	Percent of Injury Crashes	PDO	Percent of PDO Crashes
Angle	518	17.17%	15	11.19%	292	20.62%	211	14.38%
Left Turn	311	10.31%	7	5.22%	197	13.91%	107	7.29%
Rear End	1,225	40.60%	21	15.67%	533	37.64%	671	45.74%
Head-On	198	6.56%	15	11.19%	102	7.20%	81	5.52%
Sideswipe (same)	310	10.28%	5	3.73%	81	5.72%	224	15.27%
Sideswipe (opposite)	103	3.41%	1	0.75%	36	2.54%	66	4.50%
Rear to Side	20	0.66%	0	0.00%	4	0.28%	16	1.09%
Rear to Rear	17	0.56%	0	0.00%	0	0.00%	17	1.16%
Other	286	9.48%	69	51.49%	154	10.88%	63	4.29%
Unknown	29	0.96%	1	0.75%	17	1.20%	11	0.75%
TOTAL	3,017	100.00%	134	100.00%	1,416	100.00%	1,467	100.00%

Note: Includes only multi-vehicle alcohol related crashes

Section 6: – Alcohol Related Crashes

Table 6 – 4
Alcohol Related Crashes by First Harmful Event

First Harmful Event Type	Number of Crashes				Number of Persons	
	Total	Fatal	Injury	PDO	Killed	Injured
Collision with Motor Vehicle in Transport	1,956	63	898	995	73	1,734
Overturning	272	47	182	43	51	276
Collision with Pedestrian	181	52	116	13	53	132
Collision with Pedalcyclist	64	6	52	6	6	55
Collision with Animal	10	1	3	6	1	3
Collision with Fixed Object	1,820	74	671	1,075	89	848
Collision with Non-fixed Object*	300	3	73	224	3	88
Vehicle Fire or Explosion	3	1	1	1	1	1
Other Non-collision**	51	1	29	21	1	31
Unknown	771	3	376	392	3	552
TOTAL	5,428	251	2,401	2,776	281	3,720
*Includes Collision with Parked Vehicles, Trains, Railway Vehicles, and Work Zone Equipment						
**Includes Vehicle Immersion, Jackknife, and Cargo Loss or Shift						

Table 6 – 5
Alcohol Related Crashes by Vehicle Type

Motor Vehicle Type	Number of Vehicles				
	Total	Percent of Total	In Fatal Crashes	In Injury Crashes	In PDO Crashes
Passenger Cars (Sedans, Convertibles, etc.)	2,745	52.809%	80	1,092	1,573
Station Wagons	910	17.507%	29	379	502
Pickup Trucks	1,037	19.950%	49	473	515
Vans	30	0.577%	1	12	17
Truck Tractor (with or without Semi-Trailer)	5	0.096%	0	4	1
Concrete Mixer Trucks	0	0.000%	0	0	0
Dump Trucks	0	0.000%	0	0	0
Garbage Trucks	0	0.000%	0	0	0
Tanker Trucks	0	0.000%	0	0	0
Wrecker or Tow Trucks	0	0.000%	0	0	0
Other Truck Combinations	154	2.963%	4	60	90
School Bus	1	0.019%	0	1	0
Commercial or Non-Commercial Bus	1	0.019%	0	1	0
Motorcycle (two or three wheel)	185	3.559%	35	141	9
All Terrain Vehicle or Cycle	24	0.462%	4	19	1
Moped	0	0.000%	0	0	0
Recreational Vehicle	4	0.077%	0	1	3
Motor Home or House Car	1	0.019%	0	0	1
Fire Trucks	0	0.000%	0	0	0
Ambulances	0	0.000%	0	0	0
Other Types Of Vehicles	1	0.019%	0	0	1
Vehicle Type Unknown	100	1.924%	4	45	51
TOTAL	5,198	100.00%	206	2,228	2,764

Section 6: – Alcohol Related Crashes

Table 6 – 6

Lighting Conditions in Alcohol Related Crashes

Type of Lighting Conditions	Number of Crashes				Number of Persons	
	Total	Fatal	Injury	PDO	Killed	Injured
Daylight	1,516	57	705	754	65	1,132
Dawn	83	5	42	36	5	71
Dusk	145	8	74	63	8	115
Dark - Lighted	2,766	79	1,190	1,497	85	1,796
Dark - Not Lighted	850	76	371	403	91	571
Dark - Unknown Lighting	68	26	19	23	27	35
TOTAL	5,428	251	2,401	2,776	281	3,720

Table 6 – 7

Road Surface Conditions in Alcohol Related Crashes

Type of Road Surface Condition	Number of Drivers				Number of Persons	
	Total	In Fatal Crashes	In Injury Crashes	In PDO Crashes	Killed	Injured
Dry	4,911	172	2,129	2,610	232	3,516
Wet	164	4	64	96	4	111
Snow	8	0	1	7	0	1
Slush	0	0	0	0	0	0
Ice/Frost	3	0	2	1	0	7
Water (standing or moving)	0	0	0	0	0	0
Sand	5	1	1	3	1	1
Mud, Dirt, Gravel	54	7	24	23	9	47
Oil	0	0	0	0	0	0
Other	4	0	2	2	0	2
Unknown	49	22	5	22	35	35
TOTAL	5,198	206	2,228	2,764	281	3,720

Table 6 – 8

Gender of Drivers Involved in Alcohol Related Crashes

Gender of Driver	Number of Drivers							
	Total	Percent of Total	In Fatal Crashes	Percent of Fatal	In Injury Crashes	Percent of Injury	In PDO Crashes	Percent of PDO
Male	3,809	73.28%	172	83.50%	1,636	73.43%	2,001	72.40%
Female	1,349	25.95%	34	16.50%	582	26.12%	733	26.52%
Unknown	40	0.77%	0	0.00%	10	0.45%	30	1.09%
TOTAL	5,198	100.00%	206	100.00%	2,228	100.00%	2,764	100.00%

In total crashes across the state, 52.85% of the drivers were males. When alcohol was involved, males accounted for 73.28% of the drivers.

Section 6: – Alcohol Related Crashes

Table 6 – 9

Driver Involvement by Age in Alcohol Related Crashes

Driver Age Group	Number of Drivers							
	Total	Percent of Total	In Fatal Crashes	Percent of Fatal	In Injury Crashes	Percent of Injury	In PDO Crashes	Percent of PDO
15 & Under	5	0.10%	0	0.00%	4	0.18%	1	0.04%
16	16	0.31%	4	1.94%	5	0.22%	7	0.25%
17	33	0.63%	3	1.46%	17	0.76%	13	0.47%
18	109	2.10%	3	1.46%	42	1.89%	64	2.32%
19	146	2.81%	5	2.43%	55	2.47%	86	3.11%
20	192	3.69%	9	4.37%	79	3.55%	104	3.76%
21	266	5.12%	12	5.83%	110	4.94%	144	5.21%
22	248	4.77%	10	4.85%	104	4.67%	134	4.85%
23	234	4.50%	8	3.88%	112	5.03%	114	4.12%
24	232	4.46%	13	6.31%	98	4.40%	121	4.38%
25-34	1,473	28.34%	51	24.76%	626	28.10%	796	28.80%
35-44	884	17.01%	36	17.48%	374	16.79%	474	17.15%
45-54	712	13.70%	29	14.08%	303	13.60%	380	13.75%
55-64	412	7.93%	14	6.80%	199	8.93%	199	7.20%
65-74	123	2.37%	8	3.88%	57	2.56%	58	2.10%
75 & Older	31	0.60%	1	0.49%	17	0.76%	13	0.47%
Unknown	82	1.58%	0	0.00%	26	1.17%	56	2.03%
TOTAL	5,198	100.00%	206	100.00%	2,228	100.00%	2,764	100.00%

Table 6 – 10

When Alcohol Related Crashes Occurred in 2012

Time of Day	Total	Weekday	Weekend*
Daytime**	1,460	878	582
Nighttime	3,968	1,571	2,397
Total	5,428	2,449	2,979
*Weekend begins at 6:00 p.m. on Friday and continues through 6:00 a.m. Monday. All other times and days are considered Weekdays.			
**Daytime refers to the hours between 6:00 a.m. and 6:00 p.m.			

Table 6 – 11

Safety Device Usage for Drinking Drivers

Severity of Injury	Safety Device Not Used	Lap Belt	Lap & Shoulder Belt	Protective Helmet	Other	Unknown	Totals
No Injury	177	25	1,957	4	14	982	3,159
Unknown Injury	11	2	45	0	3	181	242
Possible Injury	84	8	310	5	2	170	579
Non-Incapacitating Injury	177	6	335	15	1	218	752
Incapacitating Injury	126	2	81	10	2	101	322
Fatal Injury	96	0	21	9	0	18	144
TOTALS	671	43	2,749	43	22	1,670	5,198

Section 6: – Alcohol Related Crashes

Table 6 – 12
Persons Killed and Injured in Alcohol Related Crashes

Age of Victim	Persons Killed			Persons Injured			
	Total	Male	Female	Total	Male	Female	Gender Unknown
0-4	0	0	0	50	27	23	0
5-9	4	2	2	53	25	28	0
10-14	2	0	2	66	22	44	0
15-19	24	16	8	329	177	152	0
20-24	47	37	10	750	479	271	0
25-34	70	51	19	901	589	312	0
35-44	39	35	4	568	349	219	0
45-54	48	35	13	481	300	181	0
55-64	34	27	7	297	189	108	0
65-74	9	7	2	122	71	51	0
75 & Older	4	3	1	40	18	22	0
Unknown	0	0	0	63	40	15	8
TOTAL	281	213	68	3,720	2,286	1,426	8

Table 6 – 13
Alcohol Related Crashes by County

County	Number of Crashes				Number of Persons	
	Total	Fatal	Injury	PDO	Killed	Injured
Apache	45	14	23	8	19	63
Cochise	81	4	34	43	4	46
Coconino	170	18	72	80	22	102
Gila	45	4	22	19	6	36
Graham	30	1	11	18	1	16
Greenlee	6	2	3	1	2	9
La Paz	15	2	9	4	2	14
Maricopa	3,360	105	1,482	1,773	113	2,245
Mohave	192	10	90	92	15	132
Navajo	99	11	43	45	13	77
Pima	836	49	362	425	51	590
Pinal	181	16	80	85	17	137
Santa Cruz	30	3	9	18	3	13
Yavapai	173	8	79	86	9	121
Yuma	165	4	82	79	4	119
TOTAL	5,428	251	2,401	2,776	281	3,720

Section 6: – Alcohol Related Crashes

Chart 6 – 1

All Alcohol Related Crashes vs. Fatal Alcohol Related Crashes by Day of Week

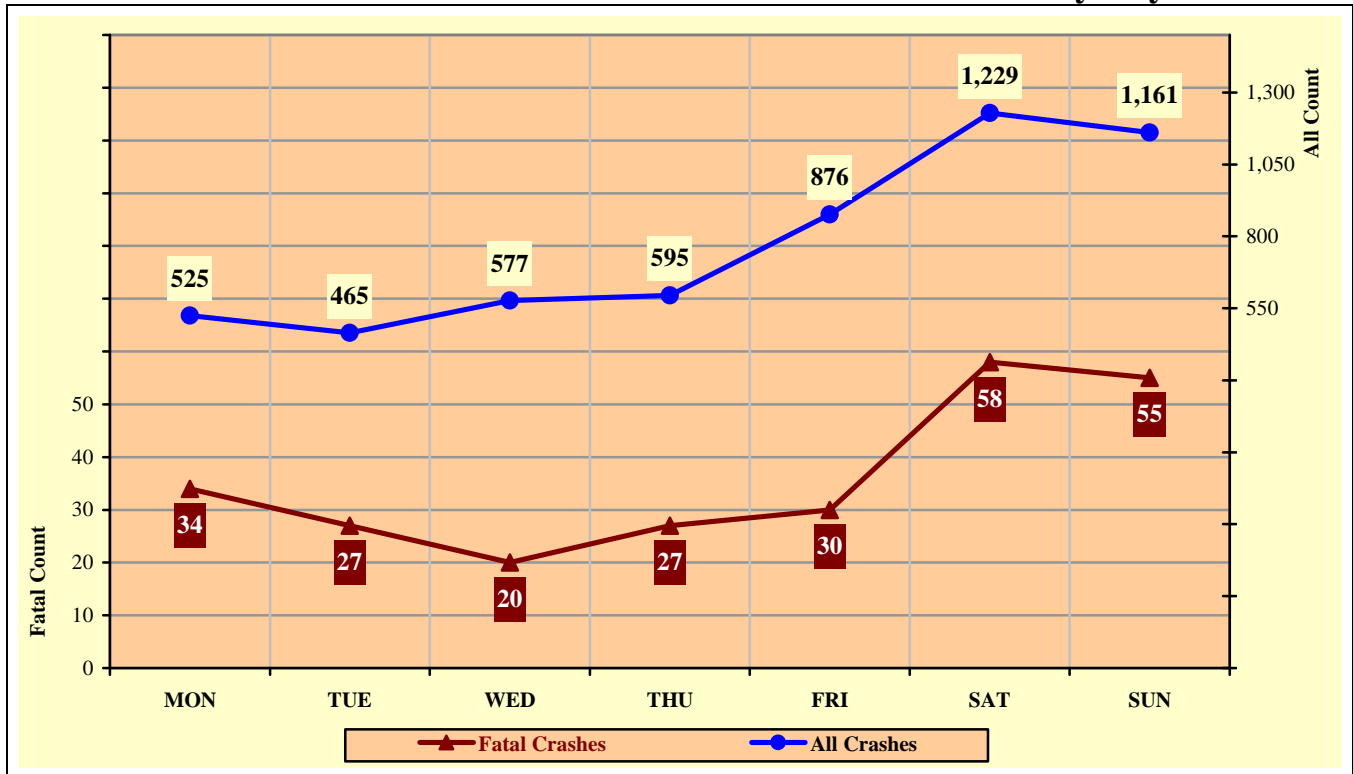
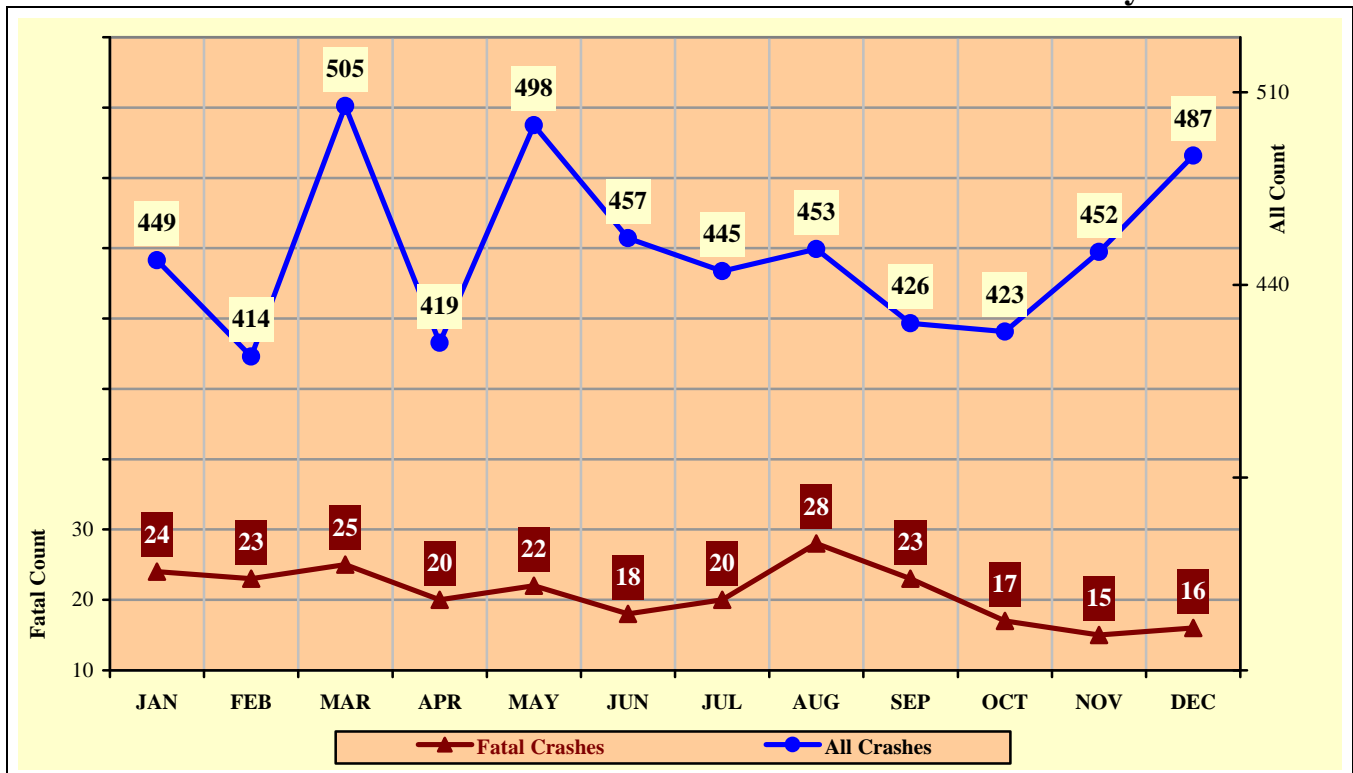


Chart 6 – 2

All Alcohol Related Crashes vs. Fatal Alcohol Related Crashes by Month



Section 6: – Alcohol Related Crashes

Chart 6 – 3

All Alcohol Related Crashes vs. Fatal Alcohol Related Crashes - Weekdays

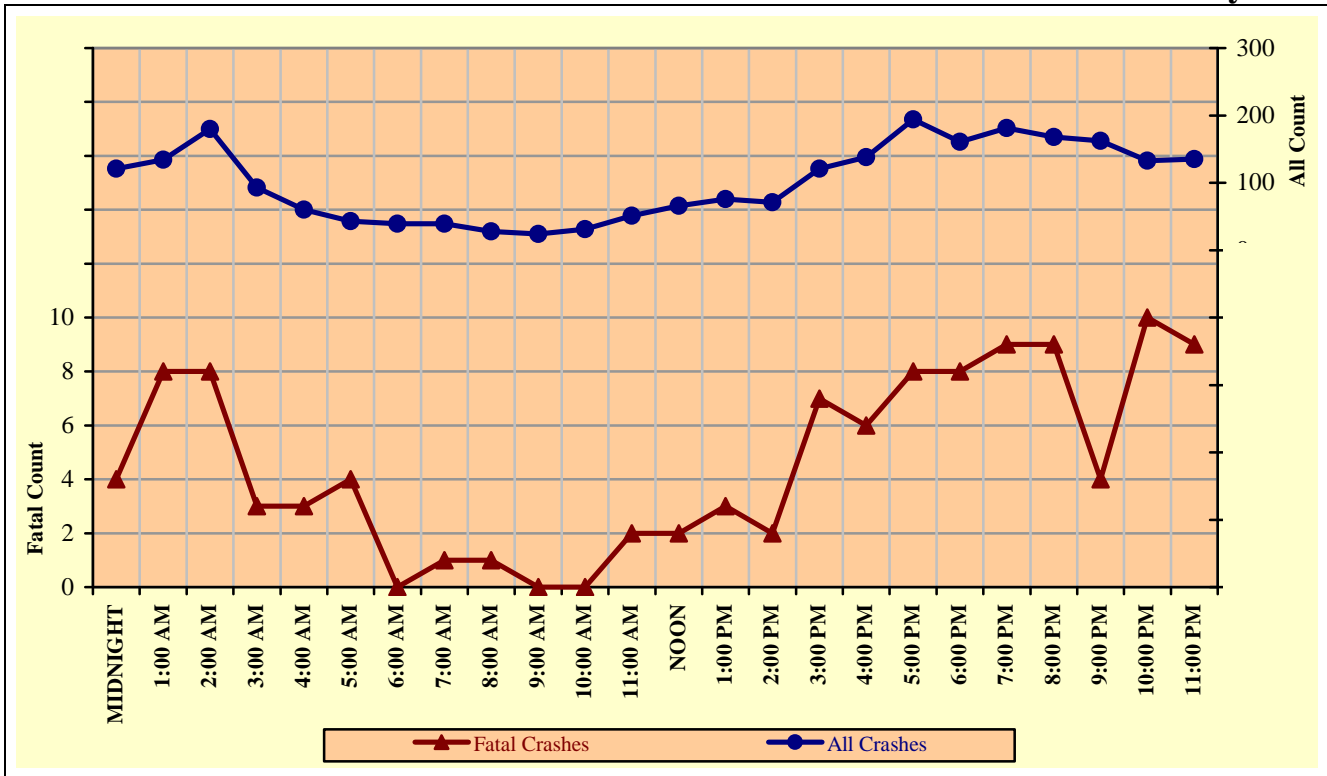
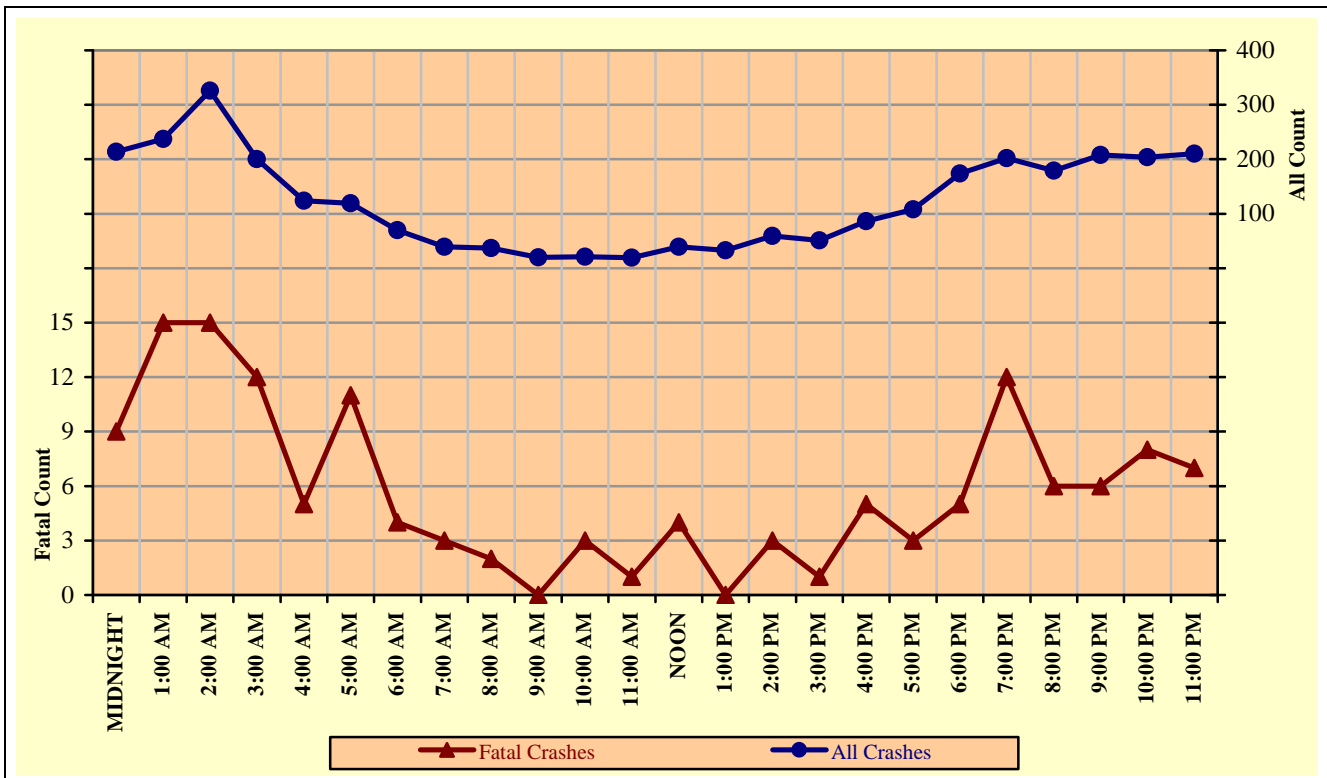


Chart 6 – 4

All Alcohol Related Crashes vs. Fatal Alcohol Related Crashes - Weekends



Section 6: – Alcohol Related Crashes

Table 6 – 14

Alcohol Related Crashes by Hour and Day of Week

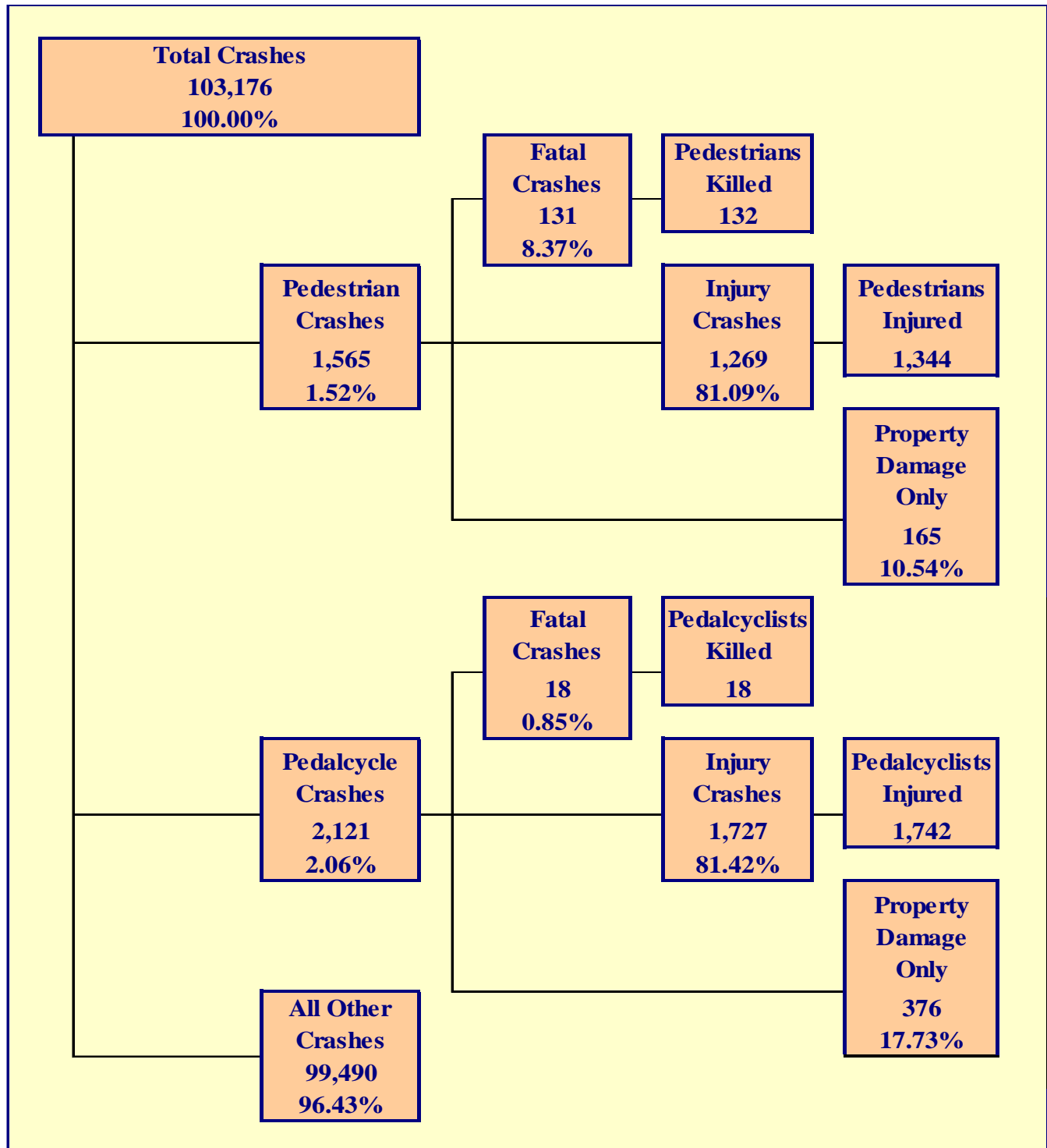
Hour Beginning	Total Crashes		Monday		Tuesday		Wednesday		Thursday		Friday		Saturday		Sunday		Weekdays		Weekends	
	All	Fatal	All	Fatal	All	Fatal	All	Fatal	All	Fatal	All	Fatal	All	Fatal	All	Fatal	All	Fatal	All	Fatal
12:00 AM	335	13	34	3	24	2	21	0	35	0	41	2	73	2	107	4	121	4	214	9
1:00 AM	371	23	40	3	23	2	25	0	44	4	42	2	99	7	98	5	134	8	237	15
2:00 AM	506	23	38	3	29	1	38	1	43	3	70	3	148	9	140	3	180	8	326	15
3:00 AM	293	15	19	1	12	1	19	0	25	0	37	2	80	4	101	7	93	3	200	12
4:00 AM	184	8	9	1	13	0	14	1	19	2	14	0	54	2	61	2	60	3	124	5
5:00 AM	162	15	17	2	4	0	15	3	13	0	11	1	46	3	56	6	43	4	119	11
6:00 AM	109	4	4	0	7	0	12	0	6	0	10	0	38	3	32	1	39	0	70	4
7:00 AM	78	4	9	1	7	0	5	0	5	0	13	0	22	3	17	0	39	1	39	3
8:00 AM	65	3	9	0	3	0	5	0	5	1	6	0	20	0	17	2	28	1	37	2
9:00 AM	44	0	6	0	3	0	3	0	3	0	9	0	11	0	9	0	24	0	20	0
10:00 AM	52	3	7	0	5	0	7	0	3	0	9	0	9	2	12	1	31	0	21	3
11:00 AM	70	3	8	0	12	0	9	1	4	0	18	1	10	0	9	1	51	2	19	1
12:00 PM	105	6	9	1	11	1	16	0	11	0	19	0	14	1	25	3	66	2	39	4
1:00 PM	109	3	14	0	21	2	15	1	14	0	12	0	17	0	16	0	76	3	33	0
2:00 PM	130	5	14	1	14	0	16	0	14	1	13	0	30	2	29	1	71	2	59	3
3:00 PM	172	8	28	2	19	1	22	1	22	0	30	3	23	1	28	0	121	7	51	1
4:00 PM	224	11	24	2	25	0	23	1	23	2	43	1	39	2	47	3	138	6	86	5
5:00 PM	302	11	41	2	35	2	33	1	38	2	47	1	53	0	55	3	194	8	108	3
6:00 PM	335	13	43	2	22	1	54	1	42	4	59	2	61	1	54	2	161	8	174	5
7:00 PM	383	21	43	2	38	2	44	2	56	3	60	5	78	4	64	3	181	9	202	12
8:00 PM	347	15	21	3	47	4	45	1	55	1	75	2	54	3	50	1	168	9	179	6
9:00 PM	370	10	27	0	28	1	59	1	48	2	79	3	82	2	47	1	162	4	208	6
10:00 PM	337	18	28	3	33	3	39	3	33	1	71	0	84	4	49	4	133	10	204	8
11:00 PM	345	16	33	2	30	4	38	2	34	1	88	2	84	3	38	2	135	9	210	7
TOTAL	5,428	251	525	34	465	27	577	20	595	27	876	30	1,229	58	1,161	55	2,449	111	2,979	140

Crashes during Weekends accounted for 54.88% of all Alcohol Related crashes and 55.78% of Alcohol Related Fatal Crashes.

Crashes during Weekdays accounted for 45.12% of all Alcohol Related crashes and 44.22% of Alcohol Related Fatal Crashes.

Section 7

Pedestrian and Pedalcyclist Crashes



Section 7: – Pedestrian and Pedalcyclist Crashes

Table 7 – 1

Pedestrians Killed and Injured By Age and Gender

Age Group	Pedestrians Killed			Pedestrians Injured			
	Total	Male	Female	Total	Male	Female	Gender Unknown
0-4	4	2	2	45	27	18	0
5-9	5	4	1	53	35	18	0
10-14	1	1	0	109	67	42	0
15-19	10	5	5	211	129	82	0
20-24	10	8	2	145	88	57	0
25-34	22	16	6	190	122	68	0
35-44	15	10	5	145	87	58	0
45-54	19	17	2	191	134	57	0
55-64	23	13	10	137	87	50	0
65-74	10	8	2	50	27	23	0
75 & Older	13	7	6	34	21	13	0
Unknown	0	0	0	34	21	9	4
TOTAL	132	91	41	1,344	845	495	4

Table 7 – 2

Pedestrian Crashes by Geographic Location

Category	Total	Urban	Percent of Total	Rural	Percent of Total
Total Crashes	1,565	1,392	88.95%	173	11.05%
Fatal Crashes	131	100	76.34%	31	23.66%
Injury Crashes	1,269	1,148	90.46%	121	9.54%
PDO Crashes	165	144	87.27%	21	12.73%
Pedestrians Killed	132	100	75.76%	32	24.24%
Pedestrians Injured	1,344	1,215	90.40%	129	9.60%

Table 7 – 3

Pedestrian Crash History

Year	Pedestrian Crashes	Percent of all Crashes	Pedestrians Killed	Percent of all Fatalities	Pedestrians Injured	Percent of all Injuries
2008	1,581	1.31%	125	13.33%	1,432	2.53%
2009	1,529	1.43%	122	15.14%	1,312	2.58%
2010	1,462	1.37%	154	20.29%	1,250	2.48%
2011	1,511	1.46%	154	18.62%	1,257	2.53%
2012	1,565	1.52%	132	16.04%	1,344	2.71%

Section 7: – Pedestrian and Pedalcyclist Crashes

Table 7 – 4

Pedestrians Killed by Age and Action

Pedestrian Action	Total	Age Group of Pedestrian											
		0-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75 & Older	Unknown
Crossing Road	75	1	1	1	6	2	7	6	13	19	8	11	0
Walking With Traffic	5	0	0	0	1	1	1	1	1	0	0	0	0
Walking Against Traffic	6	0	0	0	0	0	2	2	1	1	0	0	0
Standing	3	0	0	0	1	1	0	1	0	0	0	0	0
Lying	6	0	0	0	0	0	2	1	2	1	0	0	0
Getting on/off Vehicle	1	0	0	0	0	0	0	0	0	1	0	0	0
Working on/pushing Veh	2	0	0	0	0	0	1	0	0	0	0	1	0
Working on Road	0	0	0	0	0	0	0	0	0	0	0	0	0
Other	13	3	2	0	1	0	6	0	1	0	0	0	0
Unknown	21	0	2	0	1	6	3	4	1	1	2	1	0
TOTAL	132	4	5	1	10	10	22	15	19	23	10	13	0

Table 7 – 5

Pedestrians Injured by Age and Action

Pedestrian Action	Total	Age Group of Pedestrian											
		0-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75 & Older	Unknown
Crossing Road	690	19	34	61	117	79	97	70	86	75	19	20	13
Walking With Traffic	79	2	0	4	10	4	15	9	21	4	7	3	0
Walking Against Traffic	80	2	1	10	10	13	12	12	11	7	1	0	1
Standing	63	0	0	1	5	9	13	9	14	7	2	0	3
Lying	6	0	0	0	1	1	2	1	0	1	0	0	0
Getting on/off Vehicle	9	1	0	0	1	1	0	1	2	0	3	0	0
Working on/pushing Veh	7	0	0	0	0	1	2	1	2	0	0	0	1
Working on Road	3	0	0	0	0	0	0	1	0	0	1	0	1
Other	317	13	17	25	57	29	33	35	42	33	15	10	8
Unknown	90	8	1	8	10	8	16	6	13	10	2	1	7
TOTAL	1,344	45	53	109	211	145	190	145	191	137	50	34	34

Table 7 – 6

Pedestrian Physical Condition in Motor Vehicle Crashes

Type of Condition	Number of Pedestrians							
	Total	Percent of Total	In Fatal Crashes	Percent of Fatal	In Injury Crashes	Percent of Injury	In PDO Crashes	Percent of PDO
No Apparent Influence	1,162	69.41%	34	23.94%	1,008	74.12%	120	69.77%
Had Been Drinking	204	12.19%	51	35.92%	141	10.37%	12	6.98%
Appeared to be Under the Influence of Drugs*	19	1.14%	13	9.15%	5	0.37%	1	0.58%
Medications	6	0.36%	2	1.41%	4	0.29%	0	0.00%
Illness	2	0.12%	0	0.00%	2	0.15%	0	0.00%
Physical Impairment	5	0.30%	0	0.00%	5	0.37%	0	0.00%
Fell Asleep or Fatigued	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Other	18	1.08%	0	0.00%	17	1.25%	1	0.58%
Unknown	258	15.41%	42	29.58%	178	13.09%	38	22.09%
TOTAL	1,674	100.00%	142	100.00%	1,360	100.00%	172	100.00%
*Illegal drugs or narcotics								

Section 7: – Pedestrian and Pedalcyclist Crashes

Table 7 – 7

Lighting Conditions in Pedestrian Crashes

Type of Lighting Conditions	Number of Crashes			
	Total	Fatal	Injury	PDO
Daylight	818	25	692	101
Dawn	31	1	24	6
Dusk	74	4	61	9
Dark - Lighted	428	46	346	36
Dark - Not Lighted	177	34	132	11
Dark - Unknown Lighting	37	21	14	2
TOTAL	1,565	131	1,269	165

Table 7 – 8

Weather Conditions in Pedestrian Crashes

Type of Weather Conditions	Number of Crashes			
	Total	Fatal	Injury	PDO
Clear	1,402	94	1,159	149
Cloudy	97	9	77	11
Sleet/Hail	2	0	2	0
Rain	25	2	20	3
Snow	2	0	2	0
Severe Crosswinds	0	0	0	0
Blowing Sand, Soil, Dirt	1	0	0	1
Fog, Smog, Smoke	0	0	0	0
Blowing Snow	0	0	0	0
Other	1	1	0	0
Unknown	35	25	9	1
TOTAL	1,565	131	1,269	165

Table 7 – 9

Pedalcyclists Killed and Injured by Age and Gender

Age Group	Pedalcyclists Killed			Pedalcyclists Injured			
	Total	Male	Female	Total	Male	Female	Gender Unknown
0-4	0	0	0	8	5	3	0
5-9	0	0	0	44	35	9	0
10-14	2	1	1	167	130	37	0
15-19	1	1	0	255	186	69	0
20-24	1	0	1	250	174	76	0
25-34	2	2	0	317	228	89	0
35-44	2	2	0	205	157	48	0
45-54	4	4	0	251	199	52	0
55-64	3	3	0	138	115	23	0
65-74	3	3	0	61	54	7	0
75 & Older	0	0	0	19	17	2	0
Unknown	0	0	0	27	13	3	11
TOTAL	18	16	2	1,742	1,313	418	11

Section 7: – Pedestrian and Pedalcyclist Crashes

Table 7 – 10

Pedalcycle Crashes by Geographic Location

Category	Total	Urban	Percent of Total	Rural	Percent of Total
Total Crashes	2,121	1,969	92.83%	152	7.17%
Fatal Crashes	18	15	83.33%	3	16.67%
Injury Crashes	1,727	1,607	93.05%	120	6.95%
PDO Crashes	376	347	92.29%	29	7.71%
Pedalcyclists Killed	18	15	83.33%	3	16.67%
Pedalcyclists Injured	1,742	1,610	92.42%	132	7.58%

Table 7 – 11

Pedalcycle Crash History

Year	Pedalcycle Crashes	Percent of all Crashes	Pedalcyclists Killed	Percent of all Fatalities	Pedalcyclists Injured	Percent of all Injuries
2008	2,006	1.66%	19	2.03%	1,697	3.00%
2009	2,002	1.87%	25	3.10%	1,650	3.25%
2010	1,929	1.81%	19	2.50%	1,596	3.17%
2011	1,920	1.85%	23	2.78%	1,614	3.25%
2012	2,121	2.06%	18	2.19%	1,742	3.51%

Table 7 – 12

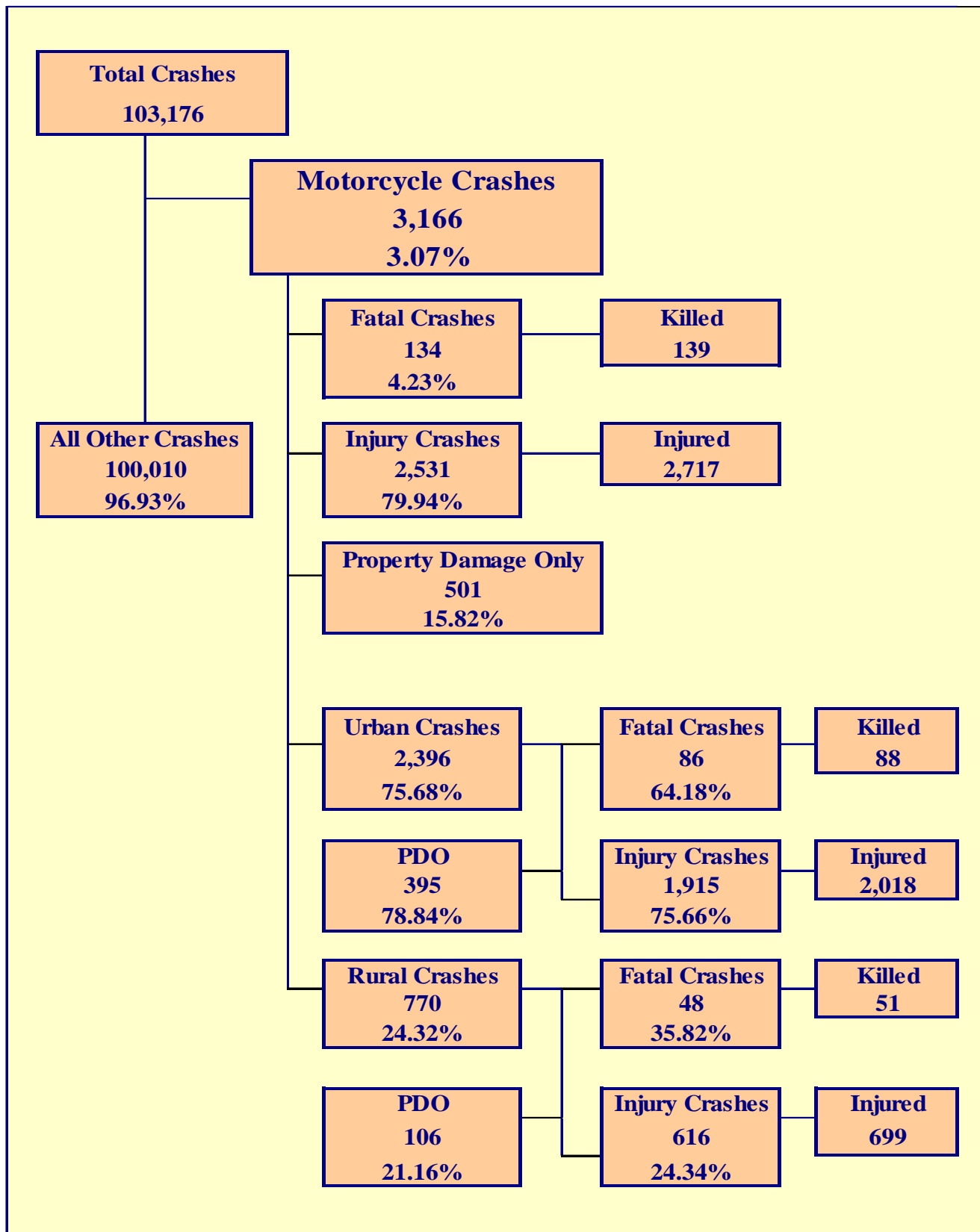
Lighting Conditions in Pedalcyclist Crashes

Type of Lighting Conditions	Number of Crashes			
	Total	Fatal	Injury	PDO
Daylight	1,624	11	1,335	278
Dawn	32	1	27	4
Dusk	73	1	57	15
Dark - Lighted	327	3	260	64
Dark - Not Lighted	52	0	40	12
Dark - Unknown Lighting	13	2	8	3
TOTAL	2,121	18	1,727	376

Table 7 – 13

Weather Conditions in Pedalcyclist Crashes

Type of Weather Conditions	Number of Crashes			
	Total	Fatal	Injury	PDO
Clear	1,971	15	1,603	353
Cloudy	115	0	99	16
Sleet/Hail	1	0	1	0
Rain	13	0	10	3
Snow	1	0	1	0
Severe Crosswinds	0	0	0	0
Blowing Sand, Soil, Dirt	3	0	3	0
Fog, Smog, Smoke	0	0	0	0
Blowing Snow	0	0	0	0
Other	1	0	1	0
Unknown	16	3	9	4
TOTAL	2,121	18	1,727	376



Section 8: – Motorcycle (MC) Crashes

Chart 8 – 1
MC Fatalities by Year

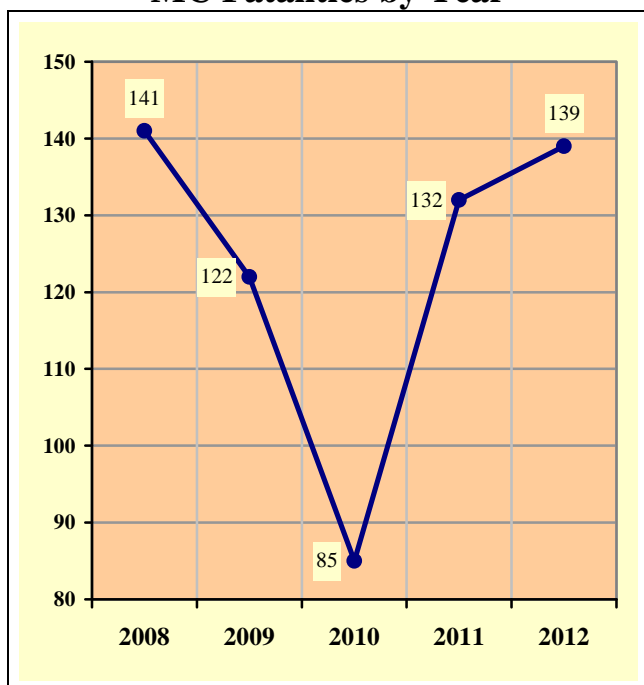
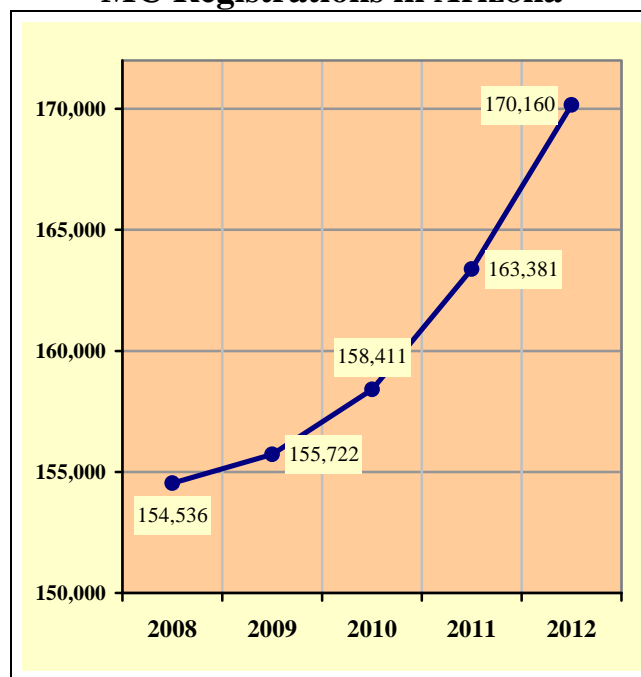


Chart 8 – 2
MC Registrations in Arizona



Total Point-in-Time of Registered Motorcycles at the end of
Calendar year 2012.

(Source: MVD - MV988 MV630419 Currently Registered Vehicles by County
Listing (motorcycle sub category), reports dated 12/31/12.)

Chart 8 – 3
Fatality Rate per Registered MC

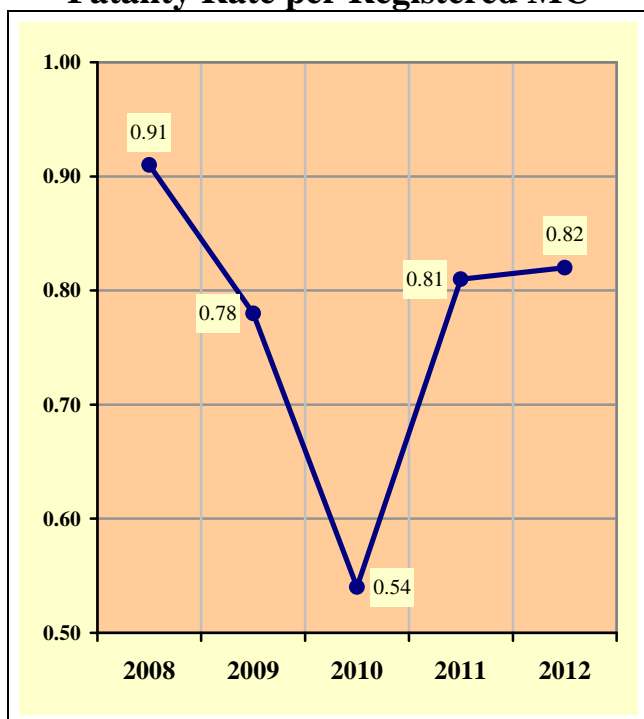
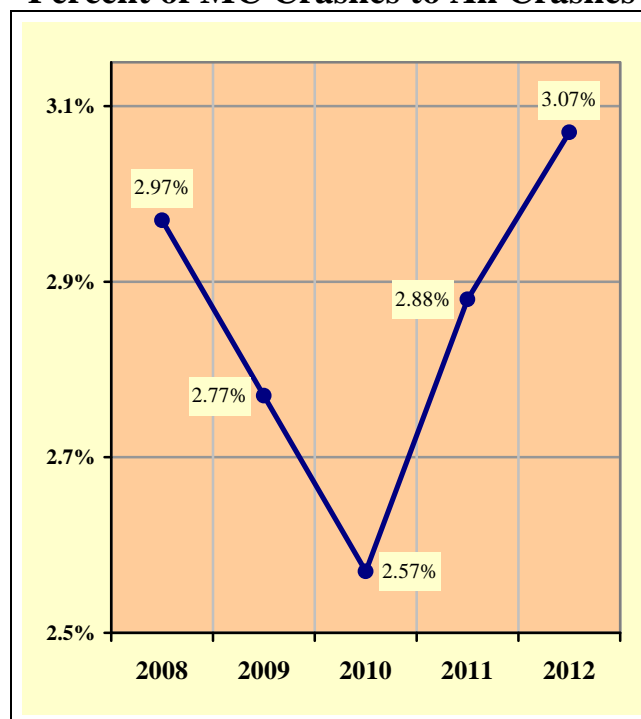


Chart 8 – 4
Percent of MC Crashes to All Crashes



Section 8: – Motorcycle (MC) Crashes

Table 8 – 1
MC Crashes by First Harmful Event

First Harmful Event Type	Number of Crashes			
	Total	Fatal	Injury	PDO
Collision with Motor Vehicle in Transport	1,464	71	1,077	316
Overtaking	406	22	358	26
Collision with Pedestrian	11	0	11	0
Collision with Pedalcyclist	12	0	10	2
Collision with Animal	29	4	21	4
Collision with Fixed Object	359	32	303	24
Collision with Non-fixed Object*	60	1	35	24
Vehicle Fire or Explosion	5	0	1	4
Other Non-collision**	334	2	298	34
Unknown	486	2	417	67
TOTAL	3,166	134	2,531	501
*Includes Collision with Parked Vehicles, Trains, Railway Vehicles, and Work Zone Equipment				
**Includes Vehicle Immersion, Jackknife, and Cargo Loss or Shift				

Table 8 – 2
Lighting Conditions in MC Crashes

Type of Lighting Conditions	Number of Crashes			
	Total	Fatal	Injury	PDO
Daylight	2,209	69	1,766	374
Dawn	35	3	25	7
Dusk	120	7	97	16
Dark - Lighted	615	32	501	82
Dark - Not Lighted	167	16	130	21
Dark - Unknown Lighting	20	7	12	1
TOTAL	3,166	134	2,531	501

Table 8 – 3
Road Surface Conditions in MC Crashes

Type of Road Surface Condition	Number of Operators			
	Total	In Fatal Crashes	In Injury Crashes	In PDO Crashes
Dry	3,122	131	2,507	484
Wet	48	1	37	10
Snow	1	0	1	0
Slush	0	0	0	0
Ice/Frost	0	0	0	0
Water (standing or moving)	0	0	0	0
Sand	11	0	9	2
Mud, Dirt, Gravel	30	0	25	5
Oil	2	0	2	0
Other	7	0	7	0
Unknown	39	13	16	10
TOTAL	3,260	145	2,604	511

Section 8: – Motorcycle (MC) Crashes

Table 8 – 4

MC Crashes by Geographic Location

Category	Total	Urban	Percent of Total	Rural	Percent of Total
Total Crashes	3,166	2,396	75.68%	770	24.32%
Fatal Crashes	134	86	64.18%	48	35.82%
Injury Crashes	2,531	1,915	75.66%	616	24.34%
PDO Crashes	501	395	78.84%	106	21.16%
Persons Killed	139	88	63.31%	51	36.69%
Persons Injured	2,717	2,018	74.27%	699	25.73%

Table 8 – 5

Operator Involvement by Age in MC Crashes

Operator Age Group	Number of Operators							
	Total	Percent of Total	In Fatal Crashes	Percent of Fatal	In Injury Crashes	Percent of Injury	In PDO Crashes	Percent of PDO
15 & Under	7	0.21%	0	0.00%	7	0.27%	0	0.00%
16	6	0.18%	0	0.00%	6	0.23%	0	0.00%
17	12	0.37%	0	0.00%	9	0.35%	3	0.59%
18	54	1.66%	1	0.69%	45	1.73%	8	1.57%
19	64	1.96%	0	0.00%	53	2.04%	11	2.15%
20	112	3.44%	1	0.69%	98	3.76%	13	2.54%
21	102	3.13%	3	2.07%	92	3.53%	7	1.37%
22	106	3.25%	6	4.14%	88	3.38%	12	2.35%
23	96	2.94%	5	3.45%	74	2.84%	17	3.33%
24	90	2.76%	2	1.38%	76	2.92%	12	2.35%
25-34	689	21.13%	25	17.24%	583	22.39%	81	15.85%
35-44	541	16.60%	25	17.24%	424	16.28%	92	18.00%
45-54	592	18.16%	26	17.93%	479	18.39%	87	17.03%
55-64	481	14.75%	35	24.14%	375	14.40%	71	13.89%
65-74	197	6.04%	11	7.59%	154	5.91%	32	6.26%
75 & Older	26	0.80%	5	3.45%	16	0.61%	5	0.98%
Unknown	85	2.61%	0	0.00%	25	0.96%	60	11.74%
TOTAL	3,260	100.00%	145	100.00%	2,604	100.00%	511	100.00%

Table 8 – 6

MC Operator Physical Condition

Type of Condition	Number of Operators							
	Total	Percent of Total	In Fatal Crashes	Percent of Fatal	In Injury Crashes	Percent of Injury	In PDO Crashes	Percent of PDO
No Apparent Influence	2,813	86.29%	64	44.14%	2,296	88.17%	453	88.65%
Had Been Drinking	185	5.67%	35	24.14%	141	5.41%	9	1.76%
Appeared to be Under the Influence of Drugs*	26	0.80%	11	7.59%	15	0.58%	0	0.00%
Medications	6	0.18%	0	0.00%	5	0.19%	1	0.20%
Illness	9	0.28%	1	0.69%	8	0.31%	0	0.00%
Physical Impairment	2	0.06%	0	0.00%	2	0.08%	0	0.00%
Fell Asleep or Fatigued	3	0.09%	0	0.00%	2	0.08%	1	0.20%
Other	17	0.52%	1	0.69%	11	0.42%	5	0.98%
Unknown	199	6.10%	33	22.76%	124	4.76%	42	8.22%
TOTAL	3,260	100.00%	145	100.00%	2,604	100.00%	511	100.00%
*Illegal drugs or narcotics								

Section 8: – Motorcycle (MC) Crashes

Table 8 – 7
MC Operators Involved in Fatal Crashes by License Status

License Status	2010		2011		2012	
	Number of Operators	Percent of Total	Number of Operators	Percent of Total	Number of Operators	Percent of Total
No license	3	3.09%	4	2.90%	*	*
Invalid	14	14.43%	23	16.67%	*	*
Valid	79	81.44%	109	78.99%	*	*
Unknown	1	1.03%	2	1.45%	*	*
TOTALS	97	100.00%	138	100.00%	*	*
*This data was not available at the time of publication.						
Note: Includes only motorcycle operators involved in fatal crashes.						
Source: FARS Data Queries (http://www-fars.nhtsa.dot.gov)						

Table 8 – 8
MC Operator's Helmet Use

Severity of Injury	Helmet Used	Percent of Total	Helmet Not Used	Percent of Total	Unknown	Percent of Total	Total	Percent of Total
No Injury	243	14.85%	93	11.47%	204	25.09%	540	16.56%
Unknown Injury	12	0.73%	5	0.62%	39	4.80%	56	1.72%
Possible Injury	268	16.38%	106	13.07%	152	18.70%	526	16.13%
Non-Incapacitating Injury	695	42.48%	325	40.07%	307	37.76%	1,327	40.71%
Incapacitating Injury	356	21.76%	221	27.25%	105	12.92%	682	20.92%
Fatal Injury	62	3.79%	61	7.52%	6	0.74%	129	3.96%
TOTALS	1,636	100.00%	811	100.00%	813	100.00%	3,260	100.00%

Table 8 – 9
MC Passenger's Helmet Use

Severity of Injury	Helmet Used	Percent of Total	Helmet Not Used	Percent of Total	Unknown	Percent of Total	Total	Percent of Total
No Injury	19	18.63%	9	13.24%	14	20.59%	42	17.65%
Unknown Injury	1	0.98%	0	0.00%	3	4.41%	4	1.68%
Possible Injury	11	10.78%	11	16.18%	11	16.18%	33	13.87%
Non-Incapacitating Injury	43	42.16%	26	38.24%	31	45.59%	100	42.02%
Incapacitating Injury	23	22.55%	17	25.00%	9	13.24%	49	20.59%
Fatal Injury	5	4.90%	5	7.35%	0	0.00%	10	4.20%
TOTALS	102	100.00%	68	100.00%	68	100.00%	238	100.00%

Section 8: – Motorcycle (MC) Crashes

Table 8 – 10
MC Operators and Passengers Killed and Injured

Age of Victim	Persons Killed			Persons Injured			
	Total	Male	Female	Total	Male	Female	Gender Unknown
0-4	0	0	0	0	0	0	0
5-9	0	0	0	5	4	1	0
10-14	0	0	0	4	3	1	0
15-19	1	1	0	135	106	29	0
20-24	16	15	1	447	401	46	0
25-34	23	20	3	594	537	57	0
35-44	26	24	2	449	367	82	0
45-54	30	23	7	500	409	91	0
55-64	29	27	2	389	334	55	0
65-74	9	8	1	157	145	12	0
75 & Older	5	5	0	16	16	0	0
Unknown	0	0	0	21	17	1	3
TOTAL	139	123	16	2,717	2,339	375	3

Table 8 – 11
MC Operator Errors

Type of Violation or Behavior	Number of Operators							
	Total	Percent of Total	In Fatal Crashes	Percent of Fatal	In Injury Crashes	Percent of Injury	In PDO Crashes	Percent of PDO
No Improper Action	1,574	48.28%	49	33.79%	1,247	47.89%	278	54.40%
Speed too Fast for Conditions	715	21.93%	26	17.93%	607	23.31%	82	16.05%
Exceeded Lawful Speed	60	1.84%	8	5.52%	49	1.88%	3	0.59%
Failed to Yield Right-Of-Way	54	1.66%	0	0.00%	43	1.65%	11	2.15%
Followed Too Closely	76	2.33%	1	0.69%	61	2.34%	14	2.74%
Ran Stop Sign	12	0.37%	1	0.69%	8	0.31%	3	0.59%
Disregarded Traffic Signal	37	1.13%	3	2.07%	25	0.96%	9	1.76%
Made Improper Turn	41	1.26%	1	0.69%	28	1.08%	12	2.35%
Drove in Opposing Lane	40	1.23%	8	5.52%	28	1.08%	4	0.78%
Knowingly Operated with Faulty or Missing Equipment	5	0.15%	0	0.00%	5	0.19%	0	0.00%
Required Motorcycle Safety Equipment Not Used	14	0.43%	1	0.69%	13	0.50%	0	0.00%
Passed in No-Passing Zone	5	0.15%	1	0.69%	4	0.15%	0	0.00%
Unsafe Lane Change	43	1.32%	5	3.45%	28	1.08%	10	1.96%
Failed to Keep in Proper Lane	71	2.18%	5	3.45%	55	2.11%	11	2.15%
Disregarded Pavement Markings	5	0.15%	0	0.00%	5	0.19%	0	0.00%
Other Unsafe Passing	23	0.71%	0	0.00%	19	0.73%	4	0.78%
Inattention/Distracted	138	4.23%	3	2.07%	111	4.26%	24	4.70%
Electronic Communications Device	1	0.03%	0	0.00%	1	0.04%	0	0.00%
Other	103	3.16%	7	4.83%	87	3.34%	9	1.76%
Unknown	243	7.45%	26	17.93%	180	6.91%	37	7.24%
TOTAL	3,260	100.00%	145	100.00%	2,604	100.00%	511	100.00%

Section 8: – Motorcycle (MC) Crashes

Chart 8 – 5

All MC Crashes vs. Fatal MC Crashes by Time of Day - Weekdays

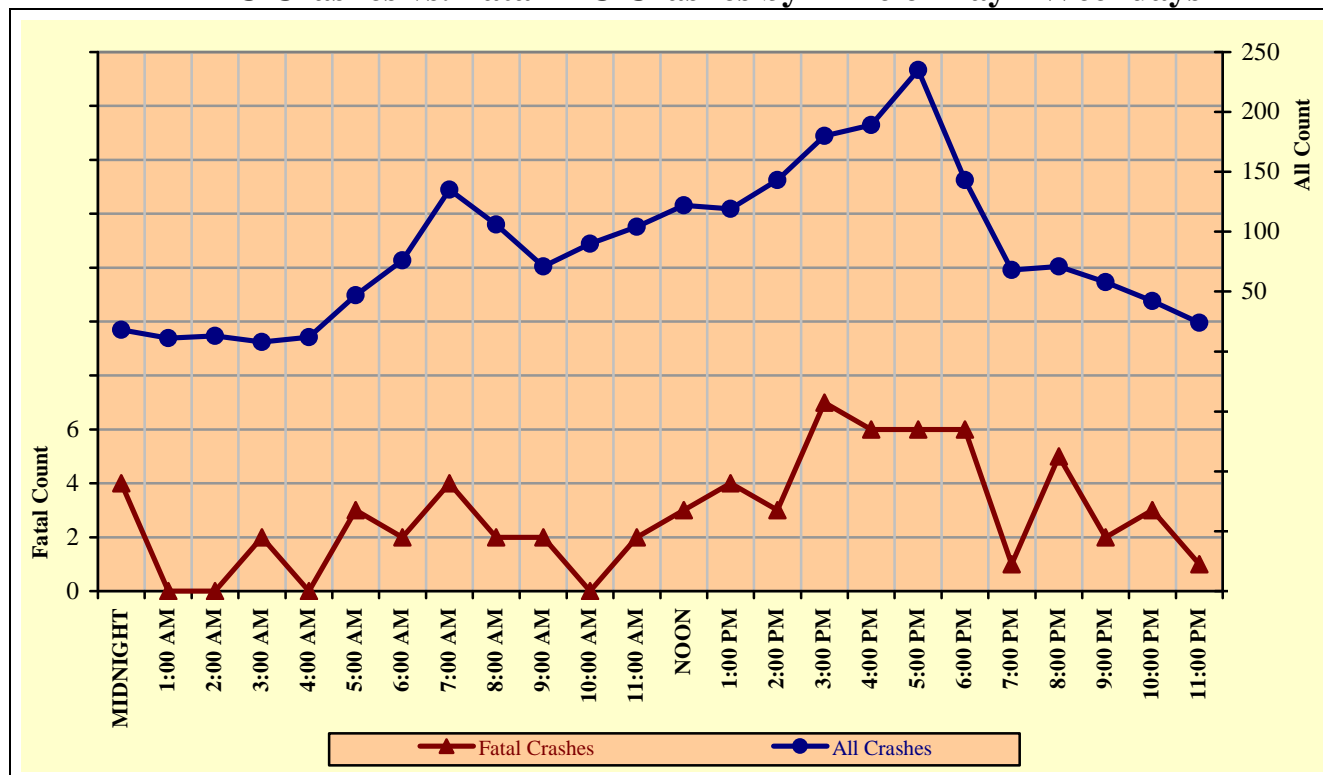
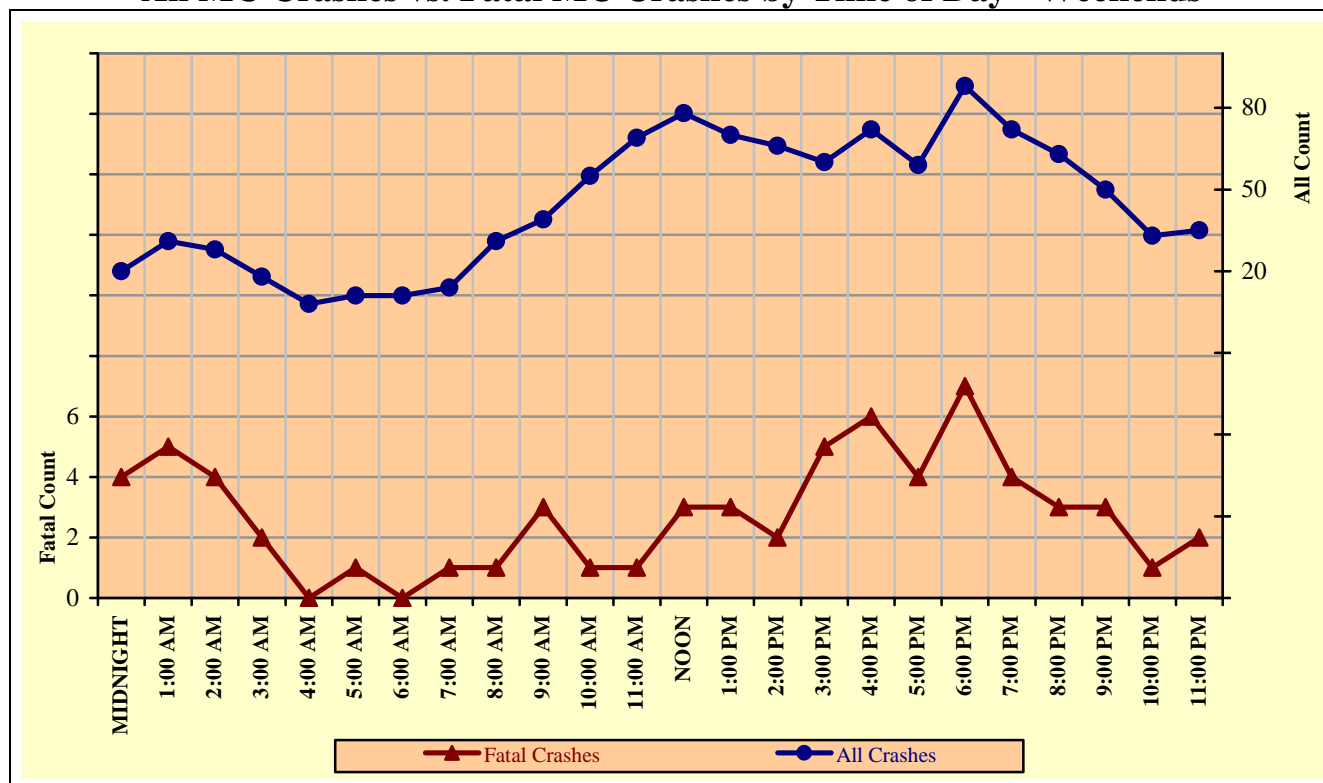


Chart 8 – 6

All MC Crashes vs. Fatal MC Crashes by Time of Day - Weekends



Section 8: – Motorcycle (MC) Crashes

Chart 8 – 7
All MC Crashes vs. Fatal MC Crashes by Day of Week

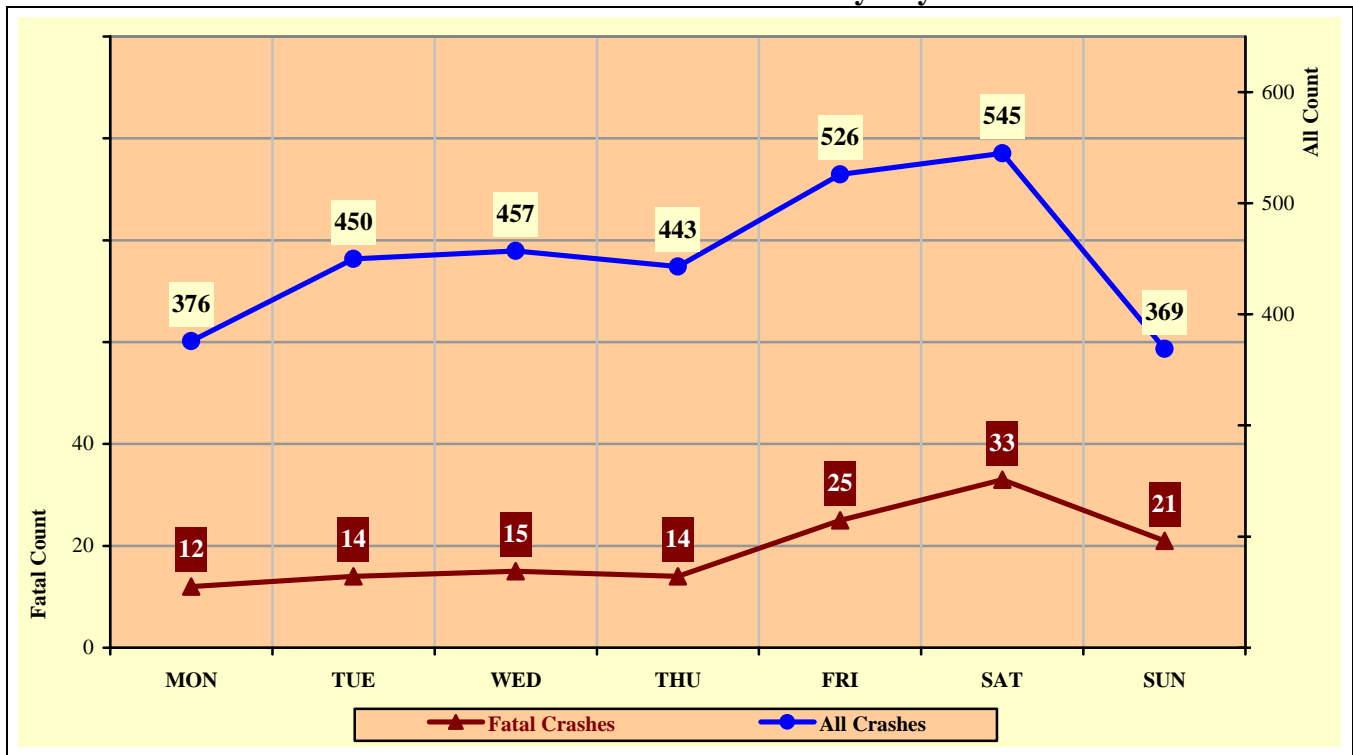
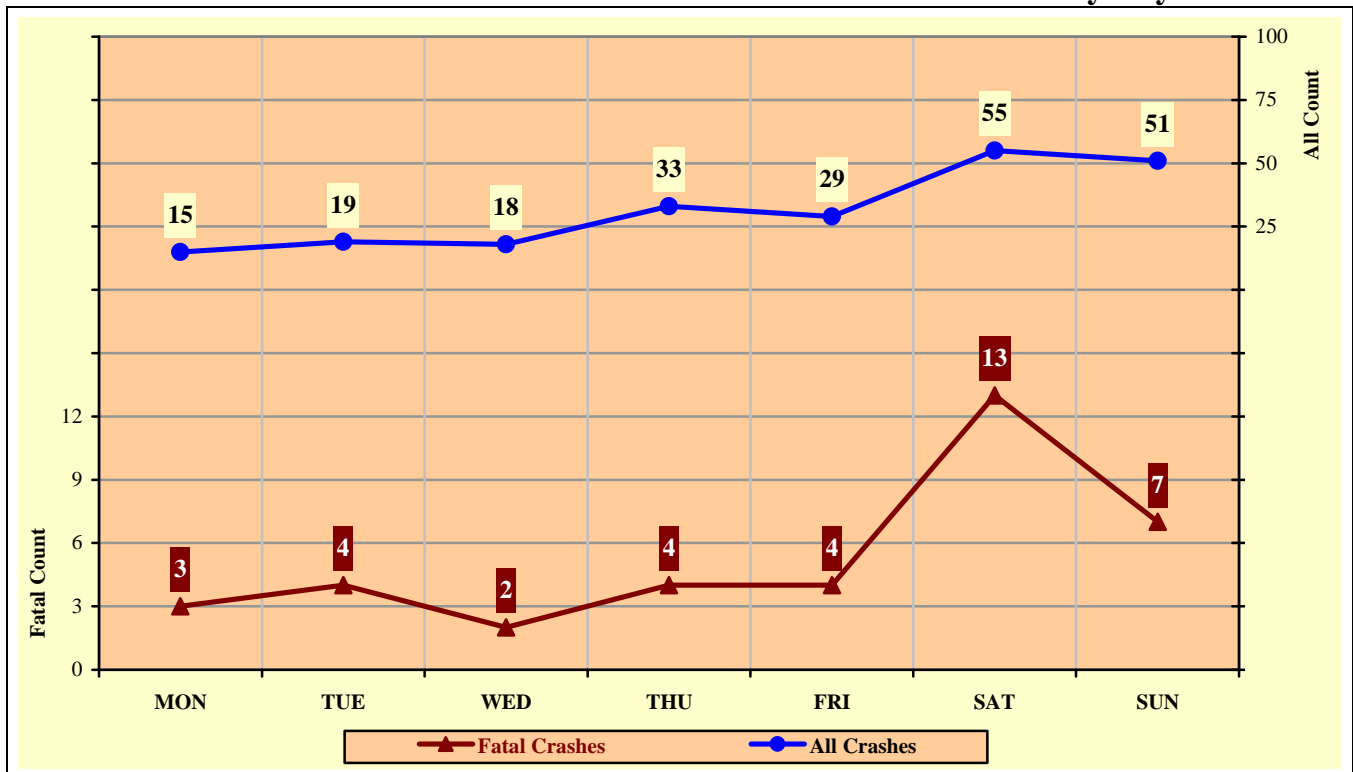


Chart 8 – 8
Alcohol Related MC Crashes vs. Fatal Alcohol Related MC Crashes by Day of Week



Section 8: – Motorcycle (MC) Crashes

Table 8 – 12
MC Crashes by Hour and Day of Week

Hour Beginning	Total Crashes		Monday		Tuesday		Wednesday		Thursday		Friday		Saturday		Sunday		Weekdays		Weekends	
	All	Fatal	All	Fatal	All	Fatal	All	Fatal	All	Fatal	All	Fatal	All	Fatal	All	Fatal	All	Fatal	All	Fatal
12:00 AM	38	8	3	2	3	1	3	2	5	0	7	1	8	1	9	1	18	4	20	4
1:00 AM	42	5	3	0	3	0	0	0	4	0	4	0	16	4	12	1	11	0	31	5
2:00 AM	41	4	4	1	3	0	2	0	3	0	5	0	15	3	9	0	13	0	28	4
3:00 AM	26	4	1	0	3	0	0	0	4	2	1	0	9	2	8	0	8	2	18	2
4:00 AM	20	0	2	0	4	0	1	0	3	0	4	0	3	0	3	0	12	0	8	0
5:00 AM	58	4	5	0	15	1	15	1	7	0	10	1	4	0	2	1	47	3	11	1
6:00 AM	87	2	16	0	14	1	21	0	15	1	10	0	10	0	1	0	76	2	11	0
7:00 AM	149	5	20	1	35	1	28	0	28	1	24	1	10	1	4	0	135	4	14	1
8:00 AM	137	3	11	0	22	0	26	0	19	1	28	1	24	1	7	0	106	2	31	1
9:00 AM	110	5	14	0	15	1	16	0	12	0	14	1	25	3	14	0	71	2	39	3
10:00 AM	145	1	14	0	22	0	16	0	14	0	24	0	36	1	19	0	90	0	55	1
11:00 AM	173	3	20	0	16	0	25	0	24	1	19	1	40	0	29	1	104	2	69	1
12:00 PM	200	6	20	0	30	1	21	1	23	0	28	1	42	0	36	3	122	3	78	3
1:00 PM	189	7	28	1	19	0	21	1	23	0	28	2	36	1	34	2	119	4	70	3
2:00 PM	209	5	27	0	21	0	34	1	20	2	41	0	43	1	23	1	143	3	66	2
3:00 PM	240	12	26	2	32	1	40	1	39	0	43	3	33	4	27	1	180	7	60	5
4:00 PM	261	12	31	1	42	2	35	1	39	1	42	1	37	3	35	3	189	6	72	6
5:00 PM	294	10	38	1	52	0	53	1	47	1	45	3	38	2	21	2	235	6	59	4
6:00 PM	231	13	36	3	41	1	37	2	29	0	50	4	19	1	19	2	143	6	88	7
7:00 PM	140	5	13	0	13	0	19	1	23	0	30	2	18	0	24	2	68	1	72	4
8:00 PM	134	8	16	0	17	2	14	2	24	1	22	1	28	1	13	1	71	5	63	3
9:00 PM	108	5	13	0	16	0	9	1	20	1	20	2	18	1	12	0	58	2	50	3
10:00 PM	75	4	10	0	6	1	14	0	12	2	10	0	19	1	4	0	42	3	33	1
11:00 PM	59	3	5	0	6	1	7	0	6	0	17	0	14	2	4	0	24	1	35	2
TOTAL	3,166	134	376	12	450	14	457	15	443	14	526	25	545	33	369	21	2,085	68	1,081	66

Crashes during Weekends accounted for 34.14% of all MC crashes and 49.25% of Fatal MC Crashes.

Crashes during Weekdays accounted for 65.86% of all MC crashes and 50.75% of Fatal MC Crashes.

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